Paul-Antoine Armani

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COMPUTER SKILLS

- C/C++, Rust, Python3, Java, Go, JavaScript, TypeScript
- Git, Docker-Compose, Unix/Linux, Insomnia, Postman
- MongoDB, SQLite3, MySQL
- Frameworks:

  Web: Angular, Node.js, Express.js, Mongoose, Tailwind, WebSocket, JWT

  Game Development: Unreal Engine 5, Godot 4, SFML, Forge

  Others: Pytest, PyQt5
- Unit testing, RESTful API, Agile methodology, git flow, Debugging

LANGUAGES

- French – Native
- English – Full working proficiency
- Spanish – Basic proficiency

INTERESTS

- Weightlifting, powerlifting
- Competitive programming (SWERC)
- Game Development

Software Engineering Internship
Masters of Science at UTC

3 months, early 2025

EDUCATION

Master's degree   2022-2025 – UTC, *Compiègne*
Computer science major
Work-study program at DbeeSet (telecommunications) and Murex (finance)

Bachelor   2020-2022 – Orsay IUT, *Paris-Sud*
Computer science, class valedictorian
Work-study program at Veriqloud (quantum cryptography)

MOOC   edX, *www.edx.org*
- Advanced Programming in C++ - NYUx
- CS50's introduction to Game Development – HarvardX

PROFESSIONAL EXPERIENCE

Software engineer   2023-2025 – Murex, *Paris*
- **Conducted** refactoring projects for critical financial objects utilizing C++20 and standard algorithms.
  Modernized legacy code by implementing new database APIs with an in-house ORM, **enhancing** code maintainability and performance.

Full stack developer   2022-2023 – Dbeeset, *France*
- **Designed**, **developed** and **tested** a complete web solution to automate fiber quality inspection (Node.js, Express.js, Mongoose, Jest, Angular, Docker).
- **Created** a graphical interface to perform sequential hardware tests (Python3, PyQt5, PyTest, Request).

Backend and frontend developer   2021-2022 – Veriqloud, *Paris*
- **Designed** and **implemented** a bot to automate notifications on Slack (Rust, Tokio). **Successfully integrated** the bot into Veriqloud's daily tasks, which **facilitated** collaboration between developers.
- **Developed** a web interface to visualize data from a quantum private key exchange simulator (ChartJS, JS).

PERSONAL PROJECTS

Prey Predator Neural Simulation   2023 – Go, Javascript, PixiJs
- **Developed** a complex simulation featuring 2,600 autonomous agents using a neural network built entirely from scratch. The project illustrated the **theory of survival of the fittest** and showcased **emergent behavior**, highlighting adaptive strategies in a dynamic environment.

Juice Scan   2022 – Python3
- **Created** a CLI tool that scans open ports of a target and identifies potential critical vulnerabilities. It aggregates data from multiple sources like Shodan.io and Crt.sh.

VAN HAVERBEKE Théo

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LinkedIn

LOOKING FOR AN INTERNSHIP IN MECHANICAL ENGINEERING

PROFILE

Mechanical engineering student specializing in design at the **University of Technology of Compiegne** following an apprenticeship cursus in partnership with Naval Group. I'm looking for a 3-month contract **from January 20 2025 to April 13 2025**. With a rational and logical mindset, I am also highly creative, autonomous, and proactive, always ready to take on responsibilities while striving to learn quickly and achieve tangible results in an innovative environment.

EDUCATION

- **University of Technology of Compiègne - Compiègne, Fr**   **2022 – Present**
  Master of science in mechanical engineering   **Expected 2025**
    - Courses: Mechanical dimensioning (static, dynamic, fluid and finite element method), materials studies (metals, polymers, composites), acoustics, systems engineering (SysML), PLM, electronics, manufacturing processes
    - Projects: Various design projects (from specifications to drawings) - Creation of demonstration models for schoolchildren (encouraging children to become engineers) - Study of racing car aerodynamics - RobAFIS 2024-2025 challenge, Ergonomic design of tractor cab access in partnership with the ministry of agriculture
    - Association: Thermal power train manager within the UTC Formula Student association ("Formul'UT")

- **Bachelor in mechanical systems design - Rennes, Fr**   **2021 – 2022**
  Special machine development cursus
    - Courses: TopSolid V7, dimensioning, materials, project management, technical drawing, automation…
    - Projects: adaptation of steering wheel paddles for karting competitions + design of special machines

- **French equivalent to the BTEC Higher National Diploma in mechanics and production engineering - Alençon, Fr**   **2019 – 2021**
  Eco-design and sustainable development cursus
    - Courses: methods, industrialisation, manufacturing processes, metrology, dimensioning, eco-design, materials science
    - Projects: design of special machines + production of an autonomous vehicle capable of transporting water across rough terrain (2nd year project)

PROFESSIONAL EXPERIENCE

- **NAVAL GROUP - Apprenticeship contract - Cherbourg, Fr**   **2023 – Present**
  Mechanical design and testing engineer   **Expected 2025**
    - Department: Special valves and exhausts for submarines
    - Job duties: Drafting technical documents, structural analysis using finite element (ANSYS mechanical), research and development project, project and production monitoring, mechanical design (CAD), prototyping, testing, 3D metal printing, in training to become a mechanical design manager

  Mechanical design technician   **2021 – 2022**
    - Job duties: creation of specifications, planning, dimensioning studies and calculations, CAD modelling (TopSolid V6), production of drawings and parts lists
    - Project: creation of a new range of valves for foreign client navies

- **FAURECIA (FORVIA) - Internship contract - Caligny, Fr**   **2021 – 3 months**
  Maintenance and methods technician
    - Job duties: improving maintenance method plans by standardising maintenance operations
    - Project: provided preventive maintenance instructions for production machines

COMPUTER SKILLS

- Advanced: Microsoft office suite (Excel, Word, PowerPoint) – Catia V5 – SolidWorks – TopSolid V6 – 3DExperience
- Intermediate: ABAQUS – ANSYS Mechanical – ANSYS Fluent
- Bedginner: MATLAB – Arduino IDE (C++)

LANGUAGES

- English: Full working proficiency – European B2 level via the Linguaskill qualification (Cambridge)
- French: Native language

MISCELLANEOUS

- CAD/3D printing – Vehicle restoration and maintenance – Car and motorsport enthusiast – Weightlifting

Eliot DEWULF

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eliotdewulf91@gmail.com
 GitHub

Profile Summary

Currently a full stack developer/project manager apprentice at Credit Agricole Assurances, completing a Master in Computer Science with a focus on IT System Engineering. Curious, well-organized with strong teamwork skills, I am looking for a 12-week on-site internship starting in January 2025.

Seeking a position as a DevOps/FullStack Software Engineer Intern, starting in January 2025

EDUCATION

- **Master's degree in Computer Science** — 09/2022 - PRESENT
  Université de Technologie de Compiègne, France — *Expected in August 2025*

- **Computer Science Degree** — 09/2020 - 08/2022
  Institut Universitaire de Technologie d'Orsay, France
  - 4th semester spent studying Computer Science at the Université du Québec À Montréal, Canada
- **French Baccalaureate**, concentration in Science, obtained with honors — 09/2017 - 08/2020
  Lycée Jean Baptiste Corot, Savigny sur Orge, France

PROFESSIONAL EXPERIENCE

- **Apprenticeship engineering student specialised in Java/Angular Software Development & project management** — 09/2022 - PRESENT
  Crédit Agricole Assurances (Insurance), Paris, France
  - Improved logs management in loan insurance app's Backend
  - Set up automated tools to reduce dependency vulnerabilities
  - Redesigned a web app (frontend & backend) to simulate data flows exchange between web services
- **Internship as Angular Developer, Crédit Agricole Assurances (Insurance)** — 05/2022 - 07/2022
  - Delivered an angular web app for prospects to subscribe to pets' insurance.

UNIVERSITY PROJECTS

- **University documents sharing website:** managed the project, designed the UI, implemented the website with Laravel & Blade (PHP, HTML, JS)
- **Recruitment website:** designed the UI, implemented the website with NodeJS (JS, HTML, SQL)

COMPUTER SKILLS

- **Programming languages:**
  - Advanced use of Java, Typescript, Javascript, SQL, HTML, CSS,
  - Intermediate use of PHP, SCSS,
  - Basic use of C++, C, Golang, Python
- **Frameworks**: Angular (advanced use), NodeJS (intermediate use), React (basic use), Laravel (intermediate use), Spring (intermediate use), Bootstrap (advanced use), Tailwind (intermediate use), Angular Materials (intermediate use)
- **Tools**: Linux (intermediate use), JetBrains IDEs (advanced use), Github (advanced use), JIRA (intermediate use), Jenkins (basic use), SonarQube (basic use), Docker (basic use), AWS (basic use)

LANGUAGE SKILLS

- **French**: native speaker
- **English**: full working proficiency (C1)
- **Spanish**: basic

EXTRA CURRICULAR ACTIVITIES

- **Volunteer as President in an IT services-provider student organization** — 06/2024 - PRESENT
  - Managed various projects and coordinated multiple teams
  - Oversaw relationships with our partners (clarifying project details, addressing needs, coordinating financial aspects)
- **Volunteered as homework assistant for primary school pupils with a student organization** — 09/2022 – 06/2024
- **Volunteered as Communication Manager in a calendar-making student organization**
- **Amateur volleyball player** — 2017 - PRESENT
- **Practiced Hip Hop (dancing)** — 2010 - 2020
  Conservatoire Rudolf Noureev, Sainte-Geneviève des Bois, France

Mathieu FERNANDES

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mathieu.fernandes@etu.utc.com

LinkedIn: Mathieu Fernandes

Computer Science Student
Seeking a 12-week Internship in Embedded Software
From 01/20/2024 to 04/11/2024

EDUCATION

Expected 09/25 **Master's Degree in Computer Science Engineering, University of Technology of Compiegne**, Compiegne, France
- **Student Engineer in Computer Science**
- Courses in **Embedded systems/software, Algorithmic and Combinatorial Optimization**
- Completed numerous **group projects**, fostering teamwork, collaboration, and problem-solving skills

09/20-07/22 **Associate's Degree in Computer Science and Networks**, Lycée Jean Jaurès, Argenteuil, France
- Education focused on **C** and **C++ (OOP)**
- **Industrial Computing (Raspberry, system bus…)**
- Courses on **network technologies (IP, packets, configuration…)**

09/18-07/20 High school diploma, concentration in Sciences, Lycée de Villaroy, France

PROFESSIONAL EXPERIENCE

09/22-Currently **Software Engineering in apprenticeship, Capgemini Engineering** (IT consulting), Issy-les-Moulineaux, France

- Analyzing and solving complex issues on the accomplishment of a plane simulator **(C++/OOP)** and tools to analyze communication between multiple cyber-physical entities **(Python)**
- Collaborated extensively in pairs on the same project
- Participation in an **AGILE project (Jenkins, Jira, Confluence, BitBucket)**
- **Identifying issues and giving advice for client** (Dassault)

05/21-06/21 **IT Assistant, SOS Accessoire** (appliance parts and repair sales), Elancourt, France

- Completion of a document database for the company documentation **(SHELL)**
- Carried out a blog (Wordpress)
- Implementation of network architectures

COMPUTER SKILLS

Advanced	**C/C++, Python, Git, Jira, Bitbucket, Confluence**
Intermediate	**Assembly, Shell, CMake, JavaScript, HTML/CSS, SQL**
Novice	**C#, PHP**

LANGUAGE SKILLS

Native	**French**
Advanced	**English (Linguaskill** from Cambridge certification, "**C1 level or higher**")

EXTRA-CURRICULAR ACTIVITIES AND INTERESTS

Programming	Participation to the **RobAFIS engineering competition** (robot programming), creating discord bots
Music	French rap, Japanese soundtrack, J-Pop

LUCAS MENNESSIER

COMPUTER ENGINEER SEEKING A 3-MONTH INTERNSHIP STARTING JANUARY 20, 2025

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France
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LinkedIn : linkedin.com/in/lucas-mennessier

ABOUT ME

With robust mobile development skills gained through my apprenticeship and additional web development experience from university projects, I am a versatile and quick-learning professional. I am ready to tackle diverse challenges and excel in any mission.

EDUCATION

2022 – Present
Expected in 09/2025

Master of science in Computer Engineering
University of Technology Compiègne, Sorbonne University Network, Compiègne, France

2020 – 2022

Associate Degree in Computer Science
University of Sorbonne Paris Nord, Villetaneuse, France

PROFESSIONAL EXPERIENCE

2022 – Present
Apprenticeship

Garantie Mutuelle des Fonctionnaires (GMF) - Levallois-Perret, France
Mobile Developer Android & iOS

- Design and **develop new features for GMF's Android and iOS mobile applications**, implementing functionalities following the **MVP, MVVM** patterns and **clean architecture** principles.
- Collaborate with the **UX/UI** team to enhance user experience and integrate designs into mobile applications.
- Engage in **Agile methodologies**, participating in sprint planning, daily stand-ups, sprint reviews, and retrospectives.
- Manage a Java backend, **handling endpoints and modifying APIs** to meet evolving application requirements.
- Implement **unit testing** to ensure code quality.

2022
3 month Internship

Safran Electronics & Defense – Avionique et Défense - SED Malakoff, France
Development of an Intranet Database for the sales stream ERP

- Implemented a referential database in Excel related to the sales stream
- Developed a user interface to interact with the database (**HTML/CSS | JQuery | PHP | PHPExcel**)

SKILLS

Computer Skills

Java	Android
Kotlin	iOS
Swift	PHP
Python	C/C++
JavaScript	HTML/CSS

Language skills

FRENCH – Native speaker
ENGLISH – Full working proficiency

Soft Skills

Adaptability
Eager to learn
Proactive

ELLIOTT PRÉVOST
IT ENGINEER

I'm currently looking for a three-month international placement from 20 January to 13 April. I'm an apprentice IT engineer with a passion for new technologies and strategic innovation. I'm multi-skilled and work in various fields: programming, embedded systems, networks and AI. My aim is to broaden my skills and contribute to projects with innovative solutions, while learning from others.

CONTACT

📱 | +33 6 49 85 37 95

✉ | elliott.prevost@etu.utc.fr

🚗 | French driving licence :
- Car
- Motorcycle

📍 | 23 rue Bernard Hamelin, 60620 BETZ, FRANCE

PERSONAL SKILLS

- Thoroughness
- Curiosity
- Listening

LANGUAGES

- French
- English B2

PROFESSIONAL SKILLS

- Embedded systems : VHDL, micro-controller (Arduino, PIC)
- Electrical engineering: electrical wiring
- Network: Ethernet TCP-IP, CAN, I²C, private 4G

COMPUTER SKILLS

- Java / C / Python / Matlab / Simulink / Proteus (ISIS, ARES)/ SQL /

PROFESSIONAL EXPERIENCES

Apprenticeship IT Engineer - Air France

Roissy CDG (95) | 2022 September - 2024 August
- *Context: apprenticeship in the IT department, telecommunications team*

4G LTE Project :
- Participation in the **deployment of a private 4G** network for Air France.
- **Selecting** and **configuring** the right equipment and accessories to meet your needs.
- **Organisation** and **delivery** of user training (e-learning and face-to-face).
- **Working with** various stakeholders to resolve technical problems and improve the user experience.

DECT fleet rationalisation project :
- **Development** and **implementation** of a process for identifying unused lines.
- Use of an automatic caller to test line activity.

Telephone migration project :
- **Managing** the migration of the medical department's telephony to more appropriate and cost-effective solutions.
- **Management** of the project to migrate simulator telephony to Air France's internal infrastructure.
- **Analysis** of the specific needs of each department and proposal of tailor-made solutions.
- **Coordination** of teams to ensure a smooth transition and minimise service interruptions.

Developing cross-disciplinary skills :
- **Project** management and **coordination** of multidisciplinary teams.
- Effective **communication** with technical and non-technical stakeholders.
- **Analysing** and **solving** complex problems in a critical environment.
- **Autonomy** in project management and taking the initiative to optimise processes.

DIPLOMA

Master's Degree in Engineering_ 2022-2025
Université de Technologie de Compiègne (UTC)
- Computer engineering
- work-study program at Air France

University Diploma of Technology _ 2020-2022
Institut Universitaire de Technologie (IUT) de l'Aisne, Campus Soissons-Cuffies
- Electrical Engineering and Industrial Computing

ANDRIANJAFINISAINANA YANCY

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Driving License

PROFESSIONNAL EXPERIENCE

2022 – Present

APAVE EXPLOITATION FRANCE |
Laval - France
Risk management

Business engineer specialized in machine in apprenticeship
- Carried out verification of machine conformity according to the Machine European Union directives (Machine qualification ET03),
- Communication with clients with report writing,
- Assisting in machine conception focusing on safety aspects

2019 - 2021

UTAC – Union Technique de l'Automobile, du motocycle et du Cycle |
Montlhéry - France
Test centers and laboratories for the automative sector.

Electromagnetic compatibility technician in apprenticeship
- Carried out electromagnetic compatibility tests on vehicle equipment,
- Setting up and performing EMC chamber calibrations,
- Streamlined the setting of every equipment used during the tests

EDUCATION

2022 – Present

UTC – Université de Technologie de Compiègne |
Sorbonne university - FRANCE

Master's degree in general engineering – Specialization in Mechanical Engineering, Industrial Track
- **Mechanical Computer-Aided Design**: Reverse engineering project of a miter saw using Creo and 3DEXPERIENCE,
- **Finite Element Structural Modeling**: Finite element modeling project of a pedal set using ABAQUS,
- **4.0 industry** (Virtual and Augmented Reality, Collaborative Robots, Smart Factories, etc.): Project of programming and optimizing a collaborative robot integrated into a production line
- **Project A2050**: Creation of an environmental awareness card game for **Airbus**.

2019 - 2021

IUT of Orsay |
University of Paris-Saclay - FRANCE

Associate Degree – Physical Measurements
- Mechanics, Fluid Mechanics, Materials analysis (Metal component), Signal Processing

2016 - 2019

The Military High School of Saint-Cyr-l'École |
FRANCE

High School Diploma

COMPUTER/ LANGUAGE SKILLS

· Ansys Workbench
· Creo
· 3DEXPERIENCE/ CATIA V5
· SolidWorks
· ABAQUS
· Suite Microsoft Office

· French
 (Native language)

· English: Fluent
 (European C1 level + technical English) |
 Linguaskill certificate

EXTRA CURRICULAR ACTIVITIES

2022 – Present

Graill'UT |
Student association organizing events and dinners
UTC – FRANCE

Role: Board member – Activities Coordinator

Auguste RIVIERE
Mechanical Engineering Internship

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Auguste.riv80@gmail.com

Education

Université de Technologie de Compiègne (UTC)	**Compiègne, France**
Mechanical Engineering Program	*September 2020 – (August 2025)*
Lycée du Vimeu	**Friville-Escarbotin, France**
Scientific Baccalaureate, Engineering Sciences	*September 2017 – August 2020*

Relevant Skills and Courses

Programming: Python, HTML, PHP, JavaScript, CSS, Electronic Prototyping
Software: SolidWorks, 3Dexperience, Creo, Excel, Database Management, Office Suite
Key Courses: ERP, Statistical Analysis, CAD, Fluid and Solid Mechanics

Professional Experience

Pariche (Work-Study Program) — **Le Vert Bocage, France**
Continuous Improvement Project Manager — *March 2024 – August 2025*
- Collaborated with maintenance teams to create innovative productivity solutions.
- Led a team to create production monitoring solution on outdated chains.

Operational Reserve — **Sissonne, France**
Gendarme — *2022 - Present*
- Participated in security operations and law enforcement. Pro

University Library — **Compiègne, France**
Supervisor and Archivist — *2022 - 2023*
- Created a digital solution to enhance inventory and digital archiving.

Syndicat Mixte BS3V — **Somme, France**
Study on Photoluminescence Impact on Biodiversity — *May 2022 – September 2022*
- Collected and processed data to create a public lighting map for a Geographic Information System (GIS).

Red Bull — **Paris-Ouest, France**
Student Brand Ambassador — *September 2021 - May 2022*
- Promoted the Red Bull brand on campus, managed client relations, and organized events.

Leadership Experience

ETUVILLE - Organization of an Event at Parc Astérix — **Compiègne, France**
Vice President — *2022*
- Organized activities and managed teams for an event at Parc Astérix.

COMET - Event Organization Association — **Compiègne, France**
President — *2021*
- Led a team of 25 to organize student events.

High School Life Council — **Friville-Escarbotin, France**
President — *2018-2020*
- Developed solutions to resolve issues among students during the pre-COVID period.

Informations utiles

Languages	French : Native – English : C1 – German : B1 - Italian : A2
Interests	Bodybuilding, Running, Paddle, History, Mechanics, DIY
Driver's license	Category A, B, Coastal and River Permits
Certification	Linguaskill English : C1 – Certification PIX : 597/640

Félix INCERTI

SPONTANEOUS APPLICATION FOR A 3-MONTH INTERNSHIP

incerti.felix@gmail.com – (+33) 7 83 11 86 92 – linkedin.com/in/felix-incerti – github.com/Dashstrom

I am a versatile, innovation-driven student with a strong intellectual curiosity and a quick learning ability. Recommended by peers as a Python and programming expert, I am eager to explore data science applications in cybersecurity. I share most of my creations as open source on GitHub.

EDUCATION

Master of Science in Computer Science, GPA 4.5/5

University of Technology of Compiègne (UTC), Sorbonne University Alliance, Compiègne, France
Artificial Intelligence and Data Science Major

Sep 2022 – Aug 2025

- Machine learning, multi-agent system, operational research, graphs and databases.
- Network, Cybersecurity, Cyber Resilience and Programming (C++, Java, Intel x86/x64 …).
- President of the Competitive Computing Association "UTCode".

Associate Degree in Computer Science, Valedictorian

University Institute of Technology of Montreuil, Montreuil, France

Sep 2020 – Aug 2022

- Docker, CI/CD, Git, design patterns, Python, Java and C development, networks and cybersecurity.
- Project Management, Agile Methodology, ICT Law, LaTeX.
- Reverser in the CTF team "La Root'in".

PROFESSIONAL EXPERIENCE

DevOps Engineer Apprentice in Digital Forensics

French National Cybersecurity Agency (ANSSI), Paris, France

Sep 2022 – Present

- Developed Python projects related to incident response and project template with CI/CD.
- Designing and exploiting Splunk dashboards.
- Forensic analysis on Windows.

Application Designer and Developer Apprentice

French National Research Institute for Sustainable Development (IRD), Bondy, France
International Laboratory on Mathematical and Computer Modeling of Complex System (UMMISCO)

Sep 2021 – Aug 2022

- Development of an application for pollution sensor management.
- Technical stack: Angular, Spring, Maven, MySQL, Leaflet / Languages: Typescript, Java.

COMPUTER SKILLS

Forensics & Reverse Engineering: ADTimeline, Dfir-ORC, Plaso, Ghidra, dnSpyEx, Jadx, Frida.
Data-science: pandas, numpy, pyspark, sklearn, huggingface, matplotlib, xgboost, optuna.
Python Ecosystem: Ruff, Mypy, Poetry, Poe the Poet, Pipx, Pytest, Doctest, Sphinx, Commitizen.
DevOps: Docker, Python/Java Packaging, Git, GitHub Actions, Gitlab CI, Pre-commit, Trello/Jira.
Web Scraping: selenium, undetected-chromedriver, beautifulsoup, aiohttp, requests.

SOFT SKILLS

Innovative solution, Problem solving, Long-term vision, Team work, Adaptability, Knowledge Management

LANGUAGE SKILLS

English: Working proficiency
French: Native Speaker

EXTRACURRICULAR ACTIVITIES

Volunteer Event Photographer, First Aid Responder: PSE1 / MHFA, Running, Computer Science Competitions

Martin Richaud

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76730 Royville, France

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martin.richaud26@gmail.com

22 years old

<div style="border:1px solid #000; text-align:center;">

Candidacy Assistant Engineer

3 months, February – August 2025

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STUDIES

2022 - 2025	**Mechanical Engineering**
	UTC Université de Technologie de Compiègne

2019 - 2022	**Preparatory class – Technology and Industrial Sciences**

2019	**Baccalaureate in Sciences and Technologies of Industry and Sustainable Development**

PROFESSIONAL EXPERIENCE

APPRENTICESHIP AT BOUYGUES CONSTRUCTION MATERIEL - 1st year

2022-2024   Junior Innovation Engineer
- Projects management: product specifications drafting, study, design
- Mechanical conception: 3D modeling, resistance of materials calculation, constraints analysis
- Mechatronics: linear actuator control system designing using microcontrollers (Arduino) and radio units
- Benchmark: comparison of existing products on key features
- Internal communication: videos/posters making to convey information about activities of the department

ACADEMIC PROJECT

2022-2023   Conception of a manual injection press
2021-2022   Study of a pneumatic suspension as part of a TIPE (Supervised personal initiative work)

SEASONAL WORK

2019-2021   Worker at Defial-Normival, Luneray 76, France (1 month/year)
- Production and distribution of meat based-products firm – 300 employees

OTHER SKILLS

Languages	**English :** B2

IT	**Programming**: Mastering Python, Basics of C++
	CAD: Mastering Creo Parametric and Autodesk Inventor, Basics of SolidWorks and 3D Experience
	Office suite: Mastering of PowerPoint and World, Basics of Excel

Others	Diploma of prevention and first aid (*Diplôme de prévention et de secours citoyen niveau 1 - PSC1*)

INTERESTS

Cultural Activities	Reading (popularization of science, philosophy, novels)

Sport	Climbing, supervision of small groups during outdoor outings

Théo ROCHARD

FRANCE / +33 7 85 64 48 44 / theo.rochard@etu.utc.fr

SEEKING A MECHANICAL ENGINEERING INTERNSHIP

I am Théo ROCHARD, a dedicated mechanical engineering student currently pursuing a three-year apprenticeship program that integrates academic coursework with hands-on industry experience. I am seeking a three-month internship as a Mechanical Engineer, available from 20th January to 13th April 2025, to further develop my skills and contribute to innovative engineering projects.

EDUCATION

2022-2025 – Master of Science in Mechanical Engineering
University of Technology of Compiègne (UTC), *Compiègne, FRANCE*

- Mechanical Design Major: Mechanics of Structures – FEM – CFD - CAD
- Project Management
- Human's sciences

2020 – 2022 – Bachelor of Science in Mechanics
University of Angers, *Angers, FRANCE*

- Machining - CNC
- Mechanical Design

WORK EXPERIENCE

2022-2025 - Apprenticeship at NEOLITHE – R&D Process Engineer – Innovative Waste Sorting Process (START-UP)

- Design of a R&D Trials Platform (Sorting waste process)
- Machine Implementation, and optimization of a process flow
- Design and dimensioning of welded frames
- Assessment of machine performance (Screens and Shredders)
- Design of an aeraulic circuit for powder transportation
- Design of a Laboratory Process

2022 – 3 months - Internship at NEOLITHE – R&D Process Technician, *FRANCE*

- Prototype Design
- Frame Design
- Manufacturing – Welding

2021 – 2 months – Temporary at GXO Logistics, *Beaulieu-sur-Layon, FRANCE*

- Order Picking for household appliances

PROJECTS

At UTC – 2024
- Design of a kart fairing for composite manufacturing

At Néolithe – 2024
- Design of a R&D Trials Platform (Sorting waste process), from the specifications to implementation, using CAD design, and structural calculations

Volunteering
- Member of the UTC FabLab Spring *2023,* Do-it-yourself staff
- Secretary of APPRENTEAM a UTC Association – 2023/2024
  - Organized events for promoting apprenticeship

LANGUAGES

- French - Native
- English – Intermediate
- Spanish – Beginner
- Italian – Beginner

ASSETS

- Curious
- Punctual
- Autonomy
- Creative
- Teamwork
- Organized

ENGINEERING SKILLS

- Ansys APDL
- Matlab
- Abaqus CAE
- Altair Hypermesh
- SolidWorks
- Autodesk Inventor
- Autodesk Fusion 360
- Creo Parametric
- 3D Experience / Catia V5
- Cura Ultimaker
- MS Office – Excel/Word/Powerpoint
- Machining and 3D printing

INTEREST

- 3D Printing - Scale Models, Cranes, Car design, other vehicles
- Automotive
- Machines / Crane
- Scale Models Design
- Cinema
- DIY
- Car Drawing
- Hiking

THEODORE GARCHER

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SUMMARY

Master's student in Computer Science & Engineering and Backend Engineer Apprentice (work-study program), passionate about building scalable backend systems in high-impact sectors. Seeking a 3-month Software Engineering Internship from January to April 2025 in an international setting to broaden expertise in software development.

EDUCATION

Master of Science - MSc, Computer Science & Engineering — 2022 – 2025
Université de Technologie de Compiègne — *Compiègne, France*

Associate's Degree, Computer Science — 2020 – 2022
Université Gustave Eiffel — *Marne-la-Vallée, France*

Master, User Experience Design — 2017 – 2020
HETIC — *Montreuil, France*

Associate's Degree, Psychology — 2015 – 2017
École de Psychologues Praticiens — *Paris, France*

EXPERIENCE

Backend Engineer Apprentice — Oct. 2022 – Present
Lifen (healthtech scale-up) — *Paris, France*
- Collaborated with senior engineers to improve Lifen's internal tools as part of the Developer Experience Team
- Wrote design notes and implemented features according to specifications
- Implemented visualisations and alerts to monitor authentication systems
- Developed an SMTP server auditing tool to monitor the French Healthcare Secure Messaging Network (MSSanté)
- Refactored codebases to meet new quality standards

Full Stack Developer Apprentice — Sep. 2021 – Sep. 2022
Aryga (custom furniture company) — *Orry-la-Ville, France*
- Developed a Laravel back office application for sales reps to upload, sort and tag customer photos
- Provided an API to query customer photos for display in galleries
- Deployed microservices in a Docker & Traefik environment
- Set up a single sign-on portal via Keycloak to centralize company logins

Salesforce Administrator Intern — June 2019 – Dec. 2019
Modis (IT services company) — *Lyon, France*
- Overhauled and automatised the business processes of sales representatives within the company
- Passed ADM201 certification (Administration Essentials for New Admins)

TECHNICAL SKILLS

Languages: Ruby, TypeScript, JavaScript, SQL, PHP, Java, C/C++, Python, HTML/CSS
Frameworks: Ruby on Rails, RSpec, Node.js, Laravel, Spring Boot, Cypress
Infrastructures: Git, PostgreSQL, MySQL, Docker, Unix
Tools: GithHub, Jira, Sentry, CircleCI, Grafana, Kibana, JetBrains IDEs, VS Code

SOFT SKILLS

- Adaptable
- Autonomous
- Fast learner
- Professional
- Rigorous
- Reliable

LANGUAGE SKILLS

French, native speaker
English, full working proficiency, C2 level, TOEIC 990/990
German, limited working proficiency
Portuguese, elementary proficiency