



Paul SECKINGER

Engineering Student

I am a third-year Software Engineering student actively seeking a 5-month internship **starting in February 2025**, with expertise in full-stack development, machine learning, and data analysis, eager to contribute to innovative projects.

Contact

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Languages

- French (Native language)
- English (TOEIC score: 895, B2 level)
- German (ABIBAC)

Programming Languages

- Python (Pytorch, Flask)
- Java
- Javascript
- C
- SQL
- HTML/CSS
- Dart (Flutter)

Interests

- Judo (Brown Belt)
- Basketball (University Team)
- Running
- Street Workout

Softskills

- Teamwork
- Problem-solving skills

Software Engineering Student

Full-Stack & AI Focus

Education

ENSEIRB-MATMECA 2022-Now

Master of Science (MSc) in Software Engineering

Diploma in Software Engineering and Telecommunications Networks (GLRT):

- Software Engineering: Application Development.
- Full Stack: Skills in front-end (HTML, CSS, JavaScript) and back-end (Python, Node.js).
- Machine Learning: Integration of AI models into applications.

Lycée Henry Poincaré (CPGE) PC 2019- 2022

A 3-year intensive program Maths and Physics in preparation for the selective entrance examination to French engineering schools

Institution: Lycée Henry Poincaré, Nancy, 54000, France

Lycée Notre-Dame Saint Sigisbert, Nancy 2017- 2019

High school Diploma specializing in mathematics, Abitur (AbiBac program).

Equivalent to A-levels in science and mathematics, with dual French and German qualifications.

Experience

Data Analyst Intern - Crédit Agricole de Lorraine June-September 2024

- Analysis and Clarification of Business Requests for Automated Personal Express Loans (PEAP):
- Collaboration with CRM, PERI, and PIL teams for data extraction and processing.
- Development of complex SQL queries in SQL Server to calculate key indicators (completed and eligible PEAPs).
- Adaptation of specific Teradata commands (e.g., COLLECT STATS) to SQL Server.
- Conducting validation tests and optimizing query performance.
- Presentation of results through reports and dashboards to enhance decision-making.

AI-based Assistance Application Development (Ongoing) October 2024-Now

- Currently developing an AI-driven mobile app to assist users in maintaining healthy daily routines.
- Developing rules for monitoring activities (sleep, social interactions, nutrition) using Prolog.
- Creating the mobile app using Dart/Flutter and integrating real-time event injection.
- Implementing distributed systems to orchestrate connected devices via Bluetooth and Wi-Fi.
- Using Firebase as the real-time database for user data tracking.

Artificial Intelligence (AI) Project - Face Aging and Face Editing (100 hours) January-May 2024

Awarded Best Project of 2024 in the Telecom Department:

- Advanced Use of GAN Models and Convolutional Neural Networks (CNN) for Face Editing.
- In-depth understanding of AI techniques and computer vision.
- Development of a user-friendly interface using Flask for simplified user interaction.
- Proficient in Python programming (PyTorch), machine learning, and web development (Flask, HTML, CSS).
- Managed project tasks and collaboration using Jira Software.

Development of a Motus Game in Java (30 hours) November 2023

- Creation of an Interactive Graphical Interface Using Java Swing and Java AWT.
- Complete development of the game, incorporating randomly selected words from a dictionary.

Web Development Project (30 hours) April-June 2023

- Web Development Project: Establishment of an Online Clothing Sales Platform
- Hosting on Firebase Hosting with management of authentication and secure storage of personal information.
- Designing the user interface using HTML, CSS, and Bootstrap for a user-friendly experience.
- Development of a shopping cart feature utilizing Firebase's real-time databases