

Victor SIMON

 Portfolio

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 LinkedIn

 Github

 Paris

*Seeking a 6-month end-of-studies internship as a Software Engineer,
Artificial Intelligence Engineer or Data Scientist, abroad.*

Education

Ecole Centrale, Nantes, France

2023-2026

a highly selective French School of Engineering conferring a diploma equivalent to a Master's Degree in Engineering. Specialization: **Computer Science and Applied Mathematics**

Preparatory Class, Amiens, France

2020-2023

a 3-year intensive course in **Mathematics, Physics and Computer Science**, preparing for the national competitive entry examinations for French Schools of Engineering.

Experience

Backend Engineer Intern, Payments Team, Deezer - Paris, France

Apr - Sep 2025

- Designed, deployed, and integrated a mock server to enable automated integration testing at Deezer.
- Enhanced backend testing reliability and streamlined CI/CD pipelines for payment services.
- Leveraged a stack including Symfony, PHP, SQL, Docker, Kubernetes, and REST APIs.

Scrabble Game FullStack Development, Ecole Centrale - Nantes, France

Sept 2024 - Sept 2025

- Game design and algorithm, user interface. 4 player online game.
- Organization within a team. Data management and deployment using Firebase.
- Developed using JavaScript, HTML, and CSS, with a Node.js server.

AI and Data Analyst Student-Intern, La Sphere Etudiante - Nantes, France

Jan - Jun 2024

- Undertook tuition on how to train an AI model, selection of the right parameters.
- Collected and organized over 3,000 survey responses to train AI models.
- Using Python libraries such as Pandas, NumPy, Scikit-learn and TensorFlow for data processing and model training.

Projects

FL-AI-PPY Bird

Apr - Aug 2024

A Neural Network built from scratch in Python learns with Genetic Evolution Methods to play Flappy Bird.

Traffic Jam Study

Nov 2022 - May 2023

By simulating and statistically analysing a road network in Python, we observe the Braess' Paradox.

Solar System Simulation

Dec 2021 - Mar 2022

Numerical resolution of the N-Body Problem in Python and simulation of the deviation of asteroids.

Skills

Languages

- **French** - Native speaker
- **English** - Fluent - TOEFL 107 - TOEIC 955
- **Japanese** - Elementary - N4 Certification

- **Programming** : C++, Python, PHP, Java, HTML/CSS, SQL
- **Tools** : Docker, Kubernetes, Postman, Jenkins, Git
- **Software** : Symfony, N8N, Selenium, VSCode, Cloud (AWS)
- **Technical** : CI/CD, Agile, UML, RestAPI, Automation Testing

Interests

• Vice-president of the Ecole Centrale Ski Club

Participated in 6 competitions, achieving 2 first-place finishes. Organized promotional events, organized a week of skiing for 115 students, managed a budget of €73,000.

• Member of the Junior Enterprise of the Ecole Centrale

Manage the relationship between companies and students, track studies carried out by students. Handle the administrative and legal aspects.

• Tutor in Preparatory Class

Teaching Mathematics, Computer Science and Physics concepts to Preparatory Class students. Creating lesson plans, solving exercises to help 20 students understand theoretical concepts.