

ANNAELLE BAIGET

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EDUCATION

CentraleSupélec – Paris-Saclay University

Paris, France - Graduate Student - Master of Engineering - GPA : 4.24/4.33 2021 – 2025

- General Scientific Education: Mathematics, Physics, Computer Science, Engineering Sciences, Economy, Finance and Management.
- Relevant courses: Algorithmic and Complexity, Statistics and Learning, Information Systems and Programming, Networks and Security, Object Oriented Software Engineering, Optimization, and Convergence, Integration and Probability.
- Currently enrolled in an elite computer science track: the Digital Tech Year (first semester composed of seven-week projects for top-tier French companies; and internship abroad for the second semester).

Lycée Privée Sainte-Geneviève

Versailles, France - Preparatory Class - GPA : 3.94/4 2019 – 2021

Fields of study: Mathematics, Physics, Engineering Sciences, Computer Science

- Highly selective 2-year program, offering intensive preparation to enter the French "Grandes Ecoles", at the best French preparatory school.

AWARDS AND HONOURS

- 3rd price of **Mathematics Olympiad** 2017
- France Vice champion of **Bridge** 2018
- Qualified for the finals of the **French University Table Tennis Championship** 2022

LEADERSHIP AND WORK EXPERIENCE

Datamaran

Software Engineer intern

Valencia, Spain
Septembre 2023 - January 2024

- Led the integration of the Claude2 Anthropic model into an AI-driven chatbot, refining responses and ensuring accuracy.
- Implemented semantic search with a two-steps chunking algorithm for enhanced platform functionality.
- Developed a client guide for ESG strategy understanding.
- Collaborated in a team project to develop an algorithm for checking duplicates in regulations reports.
- Tech skills : Python, VueJS, MongoDB, Elasticsearch, FastApi

Paris Digital Lab - Agile Prototyper

Paris, France
Paris Digital Lab is an open innovation lab that enables students to acquire skills related to many different technologies, but also to meet the expectations of real-world businesses.

Data Scientist

May 2023 - July 2023

- 7-week project for Nexans, a french multinational in the cable transmission line industry.
- Developed a Python algorithm that recognize and analyse patterns in time series in order to be able to point out critical moment and thus reduce energy waste in a cable industry.
- Tech skills : Python

Software Engineer

March 2023 - May 2023

- 7-week project for Orange, a french telecom company.
- Developed an anti-fraud chatbot using a private SDK and created a dashboard to track the chatbot's performance.
- Developed algorithms to detect fraudulent links, phone numbers and employed various embedding techniques identify attack patterns within fraudulent SMS.
- Tech skills : ExpressJS, VueJS, MongoDB, Docker

Software Engineer

February 2023 - March 2023

- 7-week project for Crédit Agricole Assurances, a prominent french insurance company.
- Developed an online platform enabling farmers to make declarations, examine previous ones, and alter them if required throw a step-by-step form.
- Implemented algorithms to cross validate data, extract data from pdf and ensure data reliability.
- Tech skills : Angular, Java Spring Boot, PostgreSQL, Docker

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Teaching Assistant in Information Systems and Programming

Gif-Sur-Yvette, France
Septembre 2022 – October 2022

- Supervised a 30-student advanced class for tutorials on various computer science topics: Python programming, Git, BASH, SQL databases, networks and security.

Student of Engineering Projects

CentraleSupélec – Paris-Saclay University

Full Stack Project

2022 (6 months)

- Project for the organization, LEKOL.
- Developed an new platform for teachers to create new exercises and add them automatically to an already existant mobile app.
- Tech skills : Django, SQL Database, HTML

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Front End Project

2022 (6 months)

- Designed and developed the showcase website for the start-up company, Tirelires d'Avenir.
- Led the front-end development efforts, proposing innovative design solutions to optimize user experience and visual appeal.
- Tech skills : Webflow, CSS, UX/UI design

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Java Project

2022 (2 months)

- Project for the Object-Oriented Software Engineering course.
- Developed the Sokoban game locally using the Model View Controller architecture.
- Tech skills : Java, Modelio

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Full Stack Project

2022 (2 weeks)

- Project for the "Coding weeks: Application web" course.
- Developed an application to facilitated connections between isolated seniors and young volunteers, offering group activities and personalized assistance services.
- Tech skills : Django, SQL Database, HTML

VOLONTEER EXPERIENCE

CentraleSupélec Table Tennis Sports Association - Paris-Saclay University

President

Gif-Sur-Yvette, France
January 2022 – January 2023

- Planned and ran weekly classes of table tennis with a coach.
- Organized and coordinated tournaments and competitions between universities.

CentraleSupélec Environment Club - Paris-Saclay University

Website administrator

Gif-Sur-Yvette, France
September 2021 – January 2023

- Maintained the club website up-to-date.
- Added new features and new pages to display weekly news on the website.
- Organized weekly sellings of fruits and vegetables from local farmers to students on campus.

CheerUp! - Paris-Saclay University

Communication Responsible

Gif-Sur-Yvette, France
September 2021 – January 2023

- Created and managed awareness campaigns against youth cancer (posts on social media platforms, videos, posters...).
- Planned regular hospital visits to meet young patients, bringing positivity to their fight against the disease.
- Organized activities to give them memorable experiences outside of the hospital.

CentraleSupélec Bridge Club - Paris-Saclay University

President

Gif-Sur-Yvette, France
September 2021 – January 2023

- Taught beginneers how to play to this complex card game.
- Organized weekly session with a math teacher from another university to give advance classes.

SKILLS, ACTIVITIES AND INTERESTS

Languages	French (Native), English (Fluent - TOEFL : 108 (2023)), Spanish (Fluent - C1)
Tech Skills	Python, BASH, MySQL, Docker, Git, Django, Flask, VueJS, Angular, React, ExpressJS, MongoDB, Java, Modelio, HTML, Java Spring Boot
Team Project Skills	Scrum Methodology, Design Thinking, Communication skills, Project Management
Interests	Table tennis, Soccer, Badminton, Tennis, Bridge, Reading (hispanic and english novels)