Elisa CHIEN

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Education

Bordeaux Graduate School of Engineering — Bordeaux, France
Engineering degree in Telecommunications — Sept. 2023 - Today
Relevant Coursework:
- Mathematics: Probabilities, Optimization
- IT: Bash, Python, C, Operating Systems, Web Development (HTML, CSS, PHP, JavaScript)
- Networks: Protocols, Network programming, Telecommunications network

Lycée Saint-Louis — Paris, France
Higher school preparatory classes — Sept. 2021 - July 2023
Two-year intensive undergraduate Maths, Physics, and IT courses, preparing nationwide competitive exams for French Grandes Écoles.
- Mathematics: Analysis, Algebra, Probabilities
- IT: C, OCaml, Formal languages, Dynamic Programming, Optimization, Automatons

Paul Lapie High School — Courbevoie, France
High School Diploma in Mathematics & Physics With Distinctions — Graduated in 2021
European Class (Courses in English)

Experience & Charity Work

Directorate General for Civil Aviation — Athis-Mons
Junior Consultant — June 2024 – August 2024
- Familiarized with project management vocabulary and methodology.
- Organized and led 6 workshops to gather detailed information from stakeholders.
- Collaborated with cross-functional teams to guarantee accuracy in documentation.
- Created 2 sets of functional and technical specifications.

Sopra Steria — Talence
Academic Tutor - Handitutorat Program — December 2023 – May 2024
- Tutored and mentored a disabled high school student from Louis Victor High School.

Les Restos du Cœur — Courbevoie
Project Officer for School-wide toy drive for Christmas — November 2019 – January 2020
- Initiated a school-wide toy drive for Christmas holidays.
- Collaborated with French NGO Les Restos du Cœur, Paul Lapie High School & Youth Center Écollectif Briand.

Projects

Harvard's CS50AI : Minesweeper, PageRank, Tic Tac Toe, Nim, Parser... — January 2024 – March 2024
- Completed 12 Python projects for CS50's Introduction to Artificial Intelligence courses that included Neural Networks, Q-Learning, Reinforcement Learning.

Seismic App in MATLAB — September 2021 – June 2024
- Developed an application designed to systematically dispatch rescue teams to areas affected by earthquakes and to promptly issue warnings regarding potential tsunamis.

Skills & Interests

Technical: Bash, C (SDL), Python (Pygame), HTML, CSS, PHP, OCaml, SQL, LaTex
Soft skills: Curious, Rigorous, Organized, Autonomous
Language: French (Native), English (C1 Cambridge English Certificate, 2021), Spanish (A2)
Laboratory: MATLAB, Matplotlib, Numpy
Interests: Singing, Playing the guitar, Reading, Painting