

Andrea MIELE

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EDUCATION

- **Bachelor in Engineering Science - ENSC, Bordeaux INP** Bordeaux, France
Cognitic and computer science engineer. Currently in gap year. Promotion delegate. GPA: 3.7/4 Sept. 2021 – Now
- **CPGE MP-Informatique - Lycée Aux Lazaristes** Lyon, France
Equivalent to L2 Mathematics, Physics Sept. 2018 – July 2021
- **Lycée Condorcet** Belfort, France
BAC Scientifique - Mention TB (17.83/20.0) Sept. 2015 – July 2018

EXPERIENCE

- **F. Hoffmann-La Roche** Basel, Switzerland
AI Intern in Corporate Donations and Philanthropy department Jun 2022 - Now
Support the integration of new digital and AI applications within philanthropy / Advise on how data driven approaches could be applied towards existing philanthropic projects, fundraising and employee engagement activities / Help on logistic and project management e.g. Roche Continents 2022
- **MCDonald's** Lyon, France
Student job. Multi-skilled crew member. July 2020 - August 2020
- **Private science lessons** France
Private teacher of mathematics, physics Sept. 2019 - Now
Preparation of courses, creation of tests and exercises. Management of revision and student work schedules. Level: Between year 7 pupil and college
- **Conseil Départemental du Territoire de Belfort** Belfort, France
Trainee Dec 2014 - Dec 2014
Computer maintenance, learning how to operate in a company.

PROJECTS

- **A Very New World:** A Very New World is a Colony building games created in 2022 during my first year in engineering school at ENSC. in C# (GitHub)
- **Telling Stories:** University project to create a website with interactive stories, in HTML, CSS, JS. (GitHub)
- **Project R 2022:** R University project to give an analysis of Streaming platforms. (GitHub)
- **Démineur:** University project on a minesweeper code, in C# (GitHub)
- **NewEDT:** This site contains the information of the ADE timetable of Bordeaux INP while facilitating access and improving the layout - In progress. (GitHub) (Site)
- **ETE:** Creation of the front-end and one of the serious games in JavaScript for a project aimed at improving participants' self-esteem. (GitHub) (Site)
- **L'Ile Aux Fractions:** Unity game to help dyscalculic students learn fractions.
- **CryptoBOT:** Theoretical cryptocurrency trading bot.(GitHub)
- **Crowd-2D:** Draw a 2D map, place n populations, exits and simulate a crowd movement in this configuration. (GitHub)

PROGRAMMING SKILLS

- **Languages:** Python, C#, HTML, CSS, PHP, SQL, R, Javascript, CAML, Latex **Technologies:** Bootstrap

LANGUAGES

- **French:** Native
- **English:** Professional working proficiency
- **Italian:** Competent

PERSONAL INTERESTS

- **Judo:** High Level sportsman for University. Vice Champion of France 2018.
- **Photography:** Amateur photographer