Julie EMILE

EDUCATION AND QUALIFICATIONS

2017-2021 Imperial College London
MEng in Computer Science (First year)

Current first year modules: Programming in Haskell (76%), Java (100% so far)

Mathematical Methods, Logic, Discrete Structures, Hardware

Award(s): Computing Entrance Scholarship

2010-2017 Lycée Français Charles de Gaulle, London

French Baccalaureate with Scientific Option and Mathematics Specialty with Honors (overall grade of 20.05/20): Mathematics (20/20), Biology and Earth Sciences (20/20),

Physics and Chemistry (19/20), Art optional module (20/20)

2015 Cambridge iGCSE : First Language English (A*)

WORK EXPERIENCE

2016 1-week work experience at Credit Suisse, London

- > Insight into high frequency trading and mobile private banking
- > Introduction to client-data and transaction security through software architecture

2015 2-week work experience at Foster & Partners, London

- > Worked on an architectural project to design transport structures in Saudi Arabia
- > Analysis of real-world data about the given city
- > Use of CAD (Rhinoceros and SketchUp)
- Presentation of the final project to a team of 20

TECHNICAL / ADDITIONAL SKILLS

- > Self-taught basic Python skills used to solve mathematical problems on the Project Euler website and Algorea
- > Familiarity with Linux shell
- Familiarity with Haskell and Java
- > French and English native speaker, Spanish speaker (level A2-B1)

INTERESTS

- > Previously played basketball as captain of my secondary school team
- $\succ \ \ Participant \ at \ IC \ Hack \ 2018, using \ machine \ learning \ for \ a \ music-related \ Iphone \ app$
- > Interest in Machine Learning, developed by regularly attending talks such as "Could a machine ever argue" at Imperial College (2016)
- > Introduction to the use of IBM's Watson at the Wimbledon Championships (2015) in data analysis regarding games as well as social media interaction