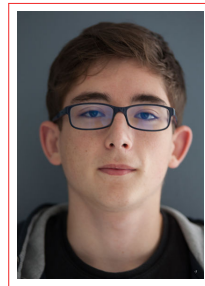


Emile Mardoc

Engineering student in applied mathematics and computer science looking for a 10 to 12 weeks internship from June to August 2019.

11 Square Paul Lafargue
Évry, 91000, France
☎ 06 35 44 47 08
✉ emile.mardoc@gmail.com



Education

- 2017–2019 **First and second years of engineering school in applied mathematics and computer science**, *École Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise (ENSIIE, ex IIE-CNAM)*, Évry.
Studying applied mathematics, computer science and finance
- 2018–2019 **Master M1 in Applied Mathematics**, *Université d'Évry Val d'Essonne*, Évry.
Since September
- 2017–2018 **Applied Mathematics Bachelor's degree**, *Université d'Évry Val d'Essonne*, Évry.
Grade B pass
- 2015–2017 **Two-year undergraduate course preparing for national entrance exams leading to top French Engineering and Business schools**, *Lycée Pierre Corneille*, Rouen.
Specialization in mathematics and computer science

Professional Experience

- 2017–2018 **First year internship**, Resolving numerically equations with Euler method in order to understand, anticipate and control the evolution of poverty in India.
Carried out at Aston University, Birmingham, United Kingdom
- 2017–2018 **Mathematics Projects in Statistics**, Using Cox-Ross-Rubinstein and Black-Scholes Models to model a financial market and determine a price evolution.
Carried out at ENSIIE
- 2017–2018 **IT projects in C**, Resolving a labyrinth and creating a little board game in C.
Carried out at ENSIIE
- 2016–2017 **Supervised personal project (TIPE)**.
Modelling and optimisation of a junctions' network by using Python

Skills

Mathematics skills Data Analysis, Machine Learning, Probabilities, Statistics, Mathematical Modelling and Optimisation
Languages R, Python, C, SQL(MySQL, PostgreSQL)
Others LibreOffice, Microsoft Office, \LaTeX

Languages

French Mother-tongue
English Fluent
German Intermediate

Interests

- Associative experience **Member of the Lien.**
Association ensuring an optimal communication between students and the administration and helping students during their school time by giving advices
Bakanim' Supervisor.
Co-supervisor of the Bakanim', the ENSIIE's convention of Japanese culture, especially concerning communication and stand contacts
- Sport **Badminton Practice.**
Badminton weekly sessions manager