

Paul Dubois

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PROFILE

I am a very **hard worker**, **enthusiastic** about any project. Also **passionate** by the beauty of science.

EXPERIENCE

Research Assistant

January 2018 - March 2018

- Textual Data Analysis with Python for Susana Vasserman (PhD student from Harvard University)
- Remote coding experiment

Internship at IRIT, University of Toulouse (France)

August 2017 - September 2017

Under supervision of Professor Martin Strecker

Worked on artificial intelligence & logic

Kitchen clerk | in the restaurant "La Plage", Venerque (France)

June 2018 - July 2018

Dishwasher | in the restaurant "La Plage", Venerque (France)

June 2017 - July 2017

Learned humility and human skills

Scouting

September 2011 - Nowadays

- Treetop patrol (n°2019) in 2015-2016
- Chief since September 2015

Forged leadership and event organizing skills

EDUCATION

UCL Mathematics Department

September 2016 - June 2020

Msci Mathematics

- 1st year: average of 86% and UCL Dept. Undergraduate 1st year Prize in Mathematics (deserved to the top 10 students while I was 6th)
- 2nd year: average of 82%
- Expected degree results: First-class honors with +80% of average

Pure math (includes analysis, algebra, Galois theory, elliptic curves, measure theory, differential geometry)

Applied math (includes multivariable calculus/analysis, PDE, probabilities and statistics, fluids modelling)

Developed thinking outside of the box and analytical skills

Lycée Jean-Pierre Vernant, Pins-Justaret (France)

September 2013 - July 2016

- French Baccalaureate of scientific section, math specialty - with highest honors (Mention Très Bien)
- Price of the competition « Innovez » (contest of young inventors) in the French scientific review "Science et Vie Junior" for a Morse decoding machine (SVJ n°329) - 1000€
- Member of "Math-en-Jean": High School mathematic research & presentation in conferences - learned team work

International School of Boston (US)

January 2015 - July 2015

Scholarship Aptitudes Test (SAT), Score in math: 740/800 (top 3%)

Lycée Français de Chicago (US)

September 2010 - July 2011

Award of honor for solving mathematical puzzles & 2nd Price "Do Science"

I learned how to adapt myself in a new environment

TECHNOLOGY

{Most of my computer science skills are self-taught from documentations, books and online courses.}

{I acquired problem solving skills while working on my own projects.}

Programming

- Python: Oriented Object Programming (OOP), Web scraping, Multi-Threading, Graphical Interfaces (with Tkinter & PyGame), Data analysis, general advanced knowledge
- C/C++ (mostly for electronics)
- Android Apps (with Java)
- Web pages (with HTML, CSS & JavaScript)

Tools

- Command line (with Linux and Windows)
- Git and GitHub for projects
- Latex and Beamer
- APIs calls

Member of the community info@lèze (an educative FabLab)

LANGUAGES

French Native Speaker
English Fluent