

# Benjamin Lellouch

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## Education

### BSc in Computer Science

*Souhampton, United Kingdom*

UNIVERSITY OF SOUTHAMPTON

*Oct.2018 - Exp.Jul.2021*

- First Semester Modules: Foundations of Computer Science (Linear Algebra, Combinatorics, Logic...), Programming I, Computer Systems I and Professional Development .
- Second Semester Modules: Algorithmics and Data Structures, Programming II, Data Management, Software Modelling and Design.

### First Year of Medical School

*Marseille, France*

UNIVERSITÉ D'AIX-MARSEILLE

*Sept. 2017 - May.2018*

### French Scientific Baccalaureate with Specialisation in Computer Science

*Marseille, France*

ÉCOLE DE PROVENCE (PRIVATE ESTABLISHMENT UNDER JESUIT TRUSTEESHIP)

*Sept.2016 - June.2017*

- Led a small team of three students developing games in Python as my final project. I was awarded the highest possible grade (20/20) at my baccalaureate exam.
- Obtained an 18/20 (**A\***) in Mathematics, a 20/20 (**A\***) in Computer Science, a 17/20 (**A**) in Life and Earth Sciences and an 18/20 (**A\***) in English.

## Skills

### PROGRAMMING

- **C++**(with Qt/QML.)
- **Scrum**
- **Java** (taught myself Java basics to create a small android application as a visual support a physics presentations. Perfecting my knowledge of the language at university and through online courses (Udemy).)
- **Python** (Learnt during my year of Computer Science at High School.)
- **Bash** (File processing and data analysis for coursework.)

### LANGUAGE

- **French** (native).
- **English** (second native language).
- **German** (B1).

### COMMUNICATION

- Able to work as a team and communicate clearly.

### LEADERSHIP

- Team leader of my final project for the French Baccalaureate.

## Experience

### Raymarine

*Fareham, United Kingdom*

SUMMER INTERN

*3.Jun.2019 - 13.Sep.2019*

- Currently developing applications using C++ and Qt/QML.
- Attending daily scrum meetings.

### J.P. Morgan

*Bournemouth, United Kingdom*

SPRING INTERN

*8.Apr. 2019 - 12.Apr. 2019*

- Won an algorithmics based coding challenge.
- Scored second place on a robocode challenge.
- Networked with young and senior employees.

### McDonald's

*Marseille, France*

POLYVALENT EMPLOYEE

*14.Jun. 2018 - 31.Aug. 2018*

- Organised and prepared the kitchen area in the mornings ( 6:00 am) so that there would be enough bread, meat and condiments for the day. I had one hour to prepare the kitchen and would then report to my manager.

## **Wiko (<https://uk.wikomobile.com>)**

DESIGN INTERN (WORK EXPERIENCE WEEK)

*Marseille, France*

*11.Jan. 2016 - 15.Jan. 2016*

- Designed a new "Certificate Of Authenticity" logo for their product line.
- Tested fingerprint recognition software on a prototype phone.

## **Centre de Physique Théorique - CNRS (Scientific Research National Center)**

*Marseille, France*

ANDROID APP DEVELOPMENT

*2015*

- Created a small android application (Java) as a visual support to accompany "Ab initio calculation of the neutron-proton mass difference" (Science (2015) v347 p1452). The application gives the proportions of one's body mass due to different fundamental interactions (Strong- QCD, Weak- QED, Higgs).

## **Bourbon (<http://www.bourbonoffshore.com>)**

*Marseille, France*

IT INTERN (WORK EXPERIENCE WEEK)

*13.Jan. 2014 - 17.Jan. 2014*

- Inventoried Hardware.
- Participated in the restoring of a satellite connection to an oil tanker.

## **Interests**

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### **Finance**

VALUE INVESTING

- Reading books about investing such as "The Intelligent Investor" by Benjamin Graham and "The essays of Warren Buffet" by Lawrence A. Cunningham.
- I have a simulated investing portfolio on which I have fun applying the investing techniques I learn through the books.

### **Running**

SOUTHAMPTON UNIVERSITY ATHLETICS AND CROSS COUNTRY CLUB

- Ran the 2019 ABP Southampton Marathon for Cancer Research UK.

### **Coding Competition**

GOOGLE HASH CODE 2019

- Team ranked 2274 out of 6671 Worldwide.

### **Hackathon**

CAMPUSHACK19

- Developed a program that follows a trending twitter topic and analyses the tweets about that topic using sentiment analysis to infer the public's opinion on it.

### **Capture The Flag**

CYBER SECURITY COMPETITION

- Achieved third place at an event organised by the University Of Southampton Cyber Security Academy.
- Achieved fifth place at an event organised by BAE Systems.

### **Electronics Team at the Formula Student Team**

SOUTHAMPTON UNIVERSITY FORMULA STUDENT TEAM

- Developing a storage solution to store sensor data coming out of the Electronics Control Unit.

### **Cyber Security**

SOUTHAMPTON UNIVERSITY CYBER SECURITY SOCIETY

Network Traffic Analysis, Open-Source Intelligence, Binary Exploits etc...

### **Charity Work**

ASSOCIATION MASSABIELLE

- Provided school support for young students and organised school holiday activities for youth in North Marseille housing project.
- Prepared meals for the homeless.