Oliver Redeyoff

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Education

University of Bath – BSc (hons) Computer Science, 2018 - 2022

I completed my first year with an average of 77%, and I am predicted to achieve a first. I have completed or am currently completing the following modules :

Computer systems architecture Computer architectures, operating systems and networking	75 %
Principals of programming in C and Java Fundamental programming concepts in C and Java	81 %
Computer science as an engineering discipline How to organise a technical group project and Agile processes	70 %
Discrete mathematics for computation Set theory, boolean formulae, maps	79 %
Human-computer interaction Designing intuitive computer systems	To be completed
Foundations of computation Finite automata, pushdown automata, Turing machine, complexity	To be completed
Databases Relational databases, normalisation, security, Cloud computing	To be completed
Data structures and algorithms Complexity and implementation of different algorithms and data structures	To be completed

Lycée du Golfe de St Tropez - French Baccalaureate, 2015 - 2018

I studied for a Scientific French Baccalaureate with Mathematics as my speciality. I got an average of 17.4/20 (87%) and highest honours, with 19/20 (95%) in Mathematics.

Experience

LEAD UI AND IOS DEVELOPER, MESMERIX – 2019-PRESENT

I am working with this company to develop an augmented reality app to help customers navigate the Hotel Indigo in Bath, UK. Through this job I am working with **Unity** and AR libraries such as **ARKit**, **ARFoundation,** and **ARCore** to develop this app both on **IOS** and **Android**. What's more, I am developing skills in **3d modelling and scanning** in order to create a 3d model of the hotel.

COMMITTEE MEMBER, BATH COMPUTER SCIENCE SOCIETY – 2019-PRESENT

As the Welfare and Inclusivity Officer for this society, I have to ensure that all new students are feeling included and well. I equally have other roles within the committee;

I am helping to organise hackathons such as one in November sponsored by the investment company Engineers Gate, or a hackathon organised with the Bath Entrepreneur Society called Launchpad. This role is helping me greatly develop my **communication and organisational skills**.

COMMITTEE MEMBER, BATH BREZZA ADVANCED LABS – 2018-PRESENT

In this group, we hold weekly sessions where we teach practical programming skills such as **web development**, **Unity,** and new languages such as R**eact Native.** We also hold a weekly programming competition where we compete to solve the most coding problems in 2 hours. Additionally, we organise group trips to go participate in hackathons and other competitions away from the University. For example we participated in the 2018 Google Code Jam, or we went to Prague in order to compete in the CEEHACKS Smart Mobility Hackathon in 2019. This role is helping me advance my **communication skills** and expand my knowledge of Computer Science by learning and teaching new programming languages and technologies.

MANAGERIAL ROLE, LOCAVALAIRE – 2017-2019

During my time at Locavalaire, I was in charge of renting boats out to customers and dealing with the cleaning and reparation of these boats. I had to deal with clients on a daily basis and thanks to this gained much experience with **sales** and **communication**.

IOS DEVELOPER, SELF-EMPLOYED - 2016-PRESENT

I developed 5 iOS apps with **Xcode** in S**wift** that I submitted to the apple app store, including a game called WallVault that has 2000+ downloads, and an app for charities allowing them to easily publicise their events used by the gorillas foundation and the stroke foundation.

Skills and achievements

- Proficient in C, C++, Java, Python, Go, Swift, Mathlab, HTML5 Javascript, Shell Script
- Experience with multiple development platforms including Xcode, Unity, Android Studio, and Eclipse
- Used to working on Mac, Windows, and Linux on devices such as Raspberry Pies
- Maritime Boat Driving License
- Came first place in the Expedia 2018 TravelAid hackathon; created an app that could identify a landmark through the users camera using computer vision and give them information about it
- Bilingual in French and English, conversational level in Spanish
- Came 3rd in the UK for the World Quant Competition 2019

References

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