**Roy Abouhamad**

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**Personal Profile**

A fast learner with a keen eye for detail currently studying Computer Science at the University of Bath. I am comfortable with adapting and learning new technologies and programming languages as needed, and thrive in a fast paced environment. I have received awards for Computer Science and a special award for perserverance and motivation at my previous schools annual awards evenings. I have also partcipated in numerous maths challenges which have improved both my problem solving and critical thinking skills. My choice to study Computer Science is greatly based on my interest of all areas of technology.

**Education**

**University of Bath** 2018-Present

Computer Science BSc (Hons) with Year Long Work Placement

**First year results: Overall – 60.9% Predicted Classification – 2.1**

**Principles of Programming 1** 78%

Introduction to the development of software using both C and Java.

**Principles of Programming 2** 66%

Further development of programming skills. Topics covered include search algorithms, data structures, complexity, basic multithreading, networking and error handling.

**Computing as a Science and Engineering Discipline** 49%

Applying modern agile development principles and UML modelling to a group-based project, as well as considering ethical and legal issues in Computer Science.

**Systems Architecture 1** 84%

Introduction to the layers and abstractions of modern computer architecture from machine level to operating systems.

**Systems Architecture 2** 25% (Passed on 2nd attempt)

Introduction to the layers and abstractions of modern computer systems architectures from operating systems to network interaction.

**Discrete Mathematics for Computation** 49%

Applying discrete mathematical techniques as basis for Computer Science concepts.

**Analytical Mathematics for Applications** 65%

Applying analytical mathematics in development of applications.

**Second year units:**

* Human Computer Interaction
* Foundations of Computation
* Fundamentals of Visual Computing
* Data Structures and Algorithms
* Databases
* Fundamentals of Machine Learning
* Artificial Intelligence
* Comparative Programming Languages
* Functional Programming

**Drayton Manor High School** 2011-2018

**A-Levels**

Maths – A\* Further Maths – A Computer Science – A

**GCSEs**

* 10 GCSEs at A\*-C with 1 A\* in Maths and 6 As including English and French.

**Employment History and Work Experience**

* **Ham Yard Hotel,** London, United Kingdom July 2019 – September 2019

Commis Waiter

* + Worked as part of a team in order to provide excellent customer service to guests at the hotel. Typical duties included delivering trays to tables, making coffees and teas, polishing cutlery and plates and serving bread to customers.
* **Zendesk EMEA,** London, United Kingdom 23rd July – 20th August 2018

Channel Sales Intern

* + Researched staff within BPOs that could be contacted in order to sell Zendesk, and shadowed meetings.
* **IVS Group,** Wembley, United Kingdom September 2017 – September 2018

Casual

* + Working with a team, selling merchandise to fans to improve their game day experience.
* **Zendesk EMEA,** London, United Kingdom 3rd April – 7th April 2017

Customer Success Intern

* + Developing complex Facebook bots, conducting customer discovery and shadowing meetings.
  + Built a simple application for Zendesk ticket system in order to view all customer information from main response box in JavaScript and HTML.
* **Westside Radio Station,** London, United Kingdom November 2014 – March 2015

Work Experience

* Scheduling tweets to be sent out on radio stations Twitter.
* Shadowing presenter of radio show.

**Projects**

* Personal Website: royabouhamad.github.io
* Crime reporting application
  + Worked in a team to develop an Android application that allows users to report and view vehicle crimes in their area.
  + Used: Android programming, Java, Git, Google Maps API, Google Identity API
* Tensorflow Image Identifier
  + Developed an image identifier using Tensorflow that accurately identified 8 different celebrities.
  + Used: Python, Tensorflow, PyQt3

**Skills**

**Coding**

* Over 10000 lines:
  + Python
* Over 5000 lines:
  + Java
* Under 1000 lines:
  + C, MATLAB, JavaScript

**Operating Systems**

* Mac OS X
* Windows
* Linux

**Hardware**

* Arduino

**Music**

* Guitar
* Piano

**References**

**Chris Tomkins Dr Christof Lutteroth**

Solutions Consultant, Zendesk Personal Tutor, University of Bath

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