Amin Mansour

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**Personal Statement**

I took computer science because I believe the future lies within technology and I want to be part of the future. I have taken countless of group projects allowing for me to dynamically create user-friendly interfaces and solve dynamic problems collectively in a group. I have learnt several languages which have all improved my understanding in producing efficient algorithms that are simple and easy to maintain. I have learnt several modules which have all contributed to my understanding and I have completed several full-scale applications in various languages and environments. I am a fervent student with a global vision and have a thirst to produce the most minimalistic, yet efficient and user-friendly solution to tech problems. I have the knack and the tendency to use unorthodox and smart ways of achieving these goals.

Work Experience

Worked in groups of 8 making an application for a client

* Allowed me to learn how to work in a very high-skilled group, how to produce a full-scale web application fully-tested and how to communicate with the client in such a way to achieve the goals of the application. Out of a total of 30 groups, we achieved the prize for best application which was awarded to us by Red Badger themselves.

**Group leader of a group of 6 making an application for a-level economic students**

* Allowed me to pick up invaluable experience on industry best practices and how to direct the group in a way where everyone could work in unison using their strengths to achieve the application’s goals that were initially set out.

Author of 2 android applications

* Created Quick Fire Maths and Balloon Up which will be placed on the android play store as well as the amazon store.

Taught beginner programmers Java, HTML and CSS

* Allowed me to develop and explain complex concepts in a logical kind of way to beginners, by converting complex jargon to understandable explanations which could easily be imagined.

Work Experience at Islington North Library – 7th – 21th January 2013

Company Email - [north.library@islington.gov.uk](mailto:north.library@islington.gov.uk)

* This experience taught me how to communicate and interact with customers and how to work in a team.

**Coding Languages**

I know Java, C++, JavaScript, Ruby, CSS, HTML, SQL and android, Scala and Angular 2.0. I also know the Rails framework. I used each to create several varying pieces of software in different environments and each of these languages have taught me something unique. C++ taught me how to produce more efficient code by dealing with lower level concepts in a machine. Android is helping with me visualising how can a good interface with easy navigation and design can improve user-friendliness. Ruby with Rails is showing me how the backend of a web application influences what is seen by the person on the front end and has also allowed me to think deeper with the respect to the code I write in terms of efficiency and security.

**Education**

Third Year Computer Science at Kings College London- September 2015 - June 2016 – 86.5% currently on a first

**A-Levels, September 2013 – June 2015**

La Swap Sixth Form,

Comprised of Acland Burghley School, LSU, Parliament hill and William Ellis school

Maths: A\*

Chemistry: A

Physics: B

AS level

ICT: B

**GCSE’s, June 2011 – June 2013**

Acland Burghley School

Location

Maths: A

Physics: A

English: C

Chemistry: B

Biology: B

History: B

Religious Studies: B

French: D

ICT: Distinction