Aaron Lucas

46 Kendall Court, 75 Byegrove Road

London SW19 2BG

Phone: **07984952899**   Email: aml854@live.co.uk

Personal Statement

A recent Masters graduate in Software Engineering, I have operated on backend development in R studios using Virtual machine Cloudera (Linux) and have explored the technologies underpinning big data including Hadoop. For my dissertation I created a Decentralised application using Truffle-framework that is based on Blockchain to create an understanding of the business process in smart contracts using a TDD Method. I am currently exploring machine learning using Python & R through classification, regression and clustering. I have an understanding of Java and I am also working towards ISQTB foundation exam and exploring Selenium Web driver. I am now looking for a position as Software Developer/Engineer and Software Tester.

Technical Skills

Languages:

Apache Hive & Pig, Python, R Studio - Mainly to do with machine learning/Data architecture ,

C++(OpenGL) & C#(Unity), -Mainly studied within my undergraduate which was based on Game Desgn

CSS, Java, Python, JavaScript, Solidity(Javascript) and Bootstrap – Used to demonstrate Business process within smart contract within Ethereum through website creation based on Metamask

Systems: Knowledge in both Windows and Linux. Software testing and building of computers. Data processing

Applications: StarUML, Hadoop, NetBeans 8.31, IntelliJ, Cassandra, VS studio code, Flask, knowledge in Blockchain, Node.js, MS Office, Smart Contracts(solidity), AWS(Basic), OpenGL, Unity, Audacity, 3DS Max and UE4

Relevant Work Experience

Trainee Software Developer: Sparta Global   **April 2019-June 2019**

· Created a shopping system for users to buy items or remove them from the shopping list, requiring an understanding of different sort methods.

· Testing within Maven for Blackjack card application using Java and Manual scripting while on Training course

Intern Software Engineer: Akkiba LTD   **August 2018- Oct 2018**

· Worked on domains such as Recommender Systems, churn Modelling and Image recognition.

· Developed, maintained and supported algorithms used by the company.

· Conducted research and data exploration and discovery by developing prototypes and proof of concepts.

· Documentation of code within Python and using SVM, random forest tree, Apriori and Eclat. Learned to use Python within Machine Learning such as Numpy, matplotlib and panda.

Intern Software Developer: TYCO ADT Sunbury   **August 2015- August 2015**

· While Working alongside Software Engineers and Developers, I was responsible for creation of the design and making of a flow chart to track heat signatures using a machine that was programmed in C# to create the application.

· Used my initiative and problem solving skills to complete the project successfully within a challenging timescale.

Education and Qualifications

University of West London: MSc Software Engineering   **Jan 2017 to Nov 2018**

Modules-: Advanced topics in Software Engineering, Fundamentals of Cyber Security, Knowledge Management, Data Architecture, Mobile Web Development,

Dissertation- Understanding the Use of Business processes through Smart Contracts

Staffordshire University: BSc (Hons) Computer Games Design and Programming   **2013-2016**

Relevant Modules: Game Engine Creation, Rapid Games Prototyping, 3D Game engine and scripting, Advanced Game 3D Modelling

South Thames College: BTEC Level 3 ND Games Development.   **2011-2013**

Raynes Park Sixth Form: IT BTEC Certificate (Pass)   **2010-2011**

Raynes Park High School: 5 GCSEs A-C including B Maths and C English   **2005-2010**

I enjoy going to the gym and powerlifting. Learning Python through creating projects for Raspberry Pi. Part of the HackWimbledon club, References will be provided on request. (Github) https://github.com/CyborgMusa