Aaron Suman

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Experience

Technology Intern, London Stock Exchange Group   **June 2019 - August 2019**
- **DevOps**: Developed TypeScript validation code to check other scripts that frequently ran on production environments. Worked with Jenkins to automate tasks and helped to begin the transition of UI based Jenkins pipelines to scripted pipelines.
- **Quantitative Surveillance**: Developed a proof of concept Python based algorithm to detect a specific form of market manipulation on cryptocurrency exchanges.

Teaching Assistant, King's College London   **September 2018 - April 2020**
- **Leadership**: Supervise and coordinate student discussions and practical sessions whilst evaluating their work and providing feedback. Representative for Informatics teaching assistants.
- **Communication**: Tutoring students on essential programming aspects such as choosing appropriate data structures to further their understanding and demonstrating answers about their assignments.
- **Adaptability**: Working with several different languages and skills in different modules such as Java or git. One module was updated now requiring PHP, so researched language before the sessions began.

Student Ambassador, JobLab   **February 2018 - May 2018**
Advertised this startup at university in a team of three and created social media content.
- **Teamwork**: Managed pop up stalls and initiated a society to promote startup culture with my team.

Co-Founder, Developer and Designer, NOTA   **2014 - 2017**
Created a startup with a school colleague to provide a revision guide application for GCSE students.
- **Organisational skills**: Organised presentations and public surveys to obtain feedback for prototypes.
- **Marketing**: Created a responsive website, gained over 3 million views on facebook and google plus.

Office Assistant, University of Huddersfield   **July 2015**
Assisted the CAD/IT department with presentations, inventory checks, 3D printing and laser cutting.

Education

MSci Computer Science (Hons), King's College London (first class expected)   **2016 - 2020**
Areas of Focus: Software Engineering, Artificial Intelligence, Data, Security

- Student Representative for final year MSci Computer Science students
- 4th Year Dissertation: "Social Bipolar Abstract Argumentation Framework"
- 3rd Year Dissertation (77%): "An Application of Abstract Argumentation Theory in Online Debating"

A Levels, The Manchester Grammar School   **2009 - 2016**
Mathematics (A*), Physics (B), Chemistry (B), Further Mathematics (D); AS Level: Biology (B)
Level 3: Extended Project Qualification (A*)

The Fundamentals of Online Marketing, Google   **October 2017**
Relevant Topics: Strategy, Data Analysis and Insights, Search Engine Optimisation and Marketing.

Skills and Interests

Coding: Java, Python, React Native, Ruby on Rails. Experience with C++, JavaScript, PHP.
Music: Self-taught acoustic and electric guitar, Grade 5 piano, beginner musical theory.
Interests: Watch technology keynotes (such as WWDC and Google I/O), philosophy and psychology lectures, compete in hackathons and take on independent programming projects.

References available on request.