

Aaron Suman

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Experience

Teaching Assistant (TA), King's College London

2018 - 2020

- Educated students in 8 different computer science modules with up to 50 students per session using 5 different languages (Java, PHP, SQL, C++, Ruby on Rails).
- Delivered structured teaching and directed student discussions in over 300 practical sessions.
- Influenced projects, student led tutorials and TA recruitment by constructing a strong network across all 4 years of computer science students.
- Elected as both student and TA representative to epitomise the student voice due to my influence, network and dedication to King's.

Technology Intern, London Stock Exchange Group

June - August 2019

- Implemented a proof of concept Python algorithm which successfully detected a form of market manipulation on multiple cryptocurrency exchanges, after learning about quantitative surveillance.
- Validated over 1000 production environment scripts by developing Typescript code.
- Automated 5 tasks with Jenkins and initiated the transition from UI based to scripted pipelines.

Student Ambassador, JobLab (now Stride)

February - May 2018

- Promoted startup with a team of 3 by creating social media content, incentivising students at 5 pop up stalls across university campuses and generating publicity via public presentations at lectures.
- Initiated a university society to advocate startup culture and motivate students into joining the service resulting in the startup's rapid growth and public backing from other CEOs.

Co-Founder, NOTA

2014 - 2017

- Established startup to produce a technologically advanced revision application for GCSE students.
 - Accomplished over 3 million views on social media by designing the marketing strategy with keynote exhibitions, public surveys and targeted advertising.
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Education

First Class Honours MSci Computer Science, King's College London

2016 - 2020

- Areas of focus: Software Engineering, Artificial Intelligence, Data.
- Achieved 77% and 74% in my 3rd and 4th year dissertations on argumentation theories.

A Levels (A*BBDB), The Manchester Grammar School

2009 - 2016

- Mathematics, Physics, Chemistry, Further Mathematics, Biology (AS); received A* in Extended Project.

Certifications

- COVID-19 Contact Tracing (Coursera), Johns Hopkins University — September 2020.
 - Big Data, Artificial Intelligence and Ethics (Coursera), University of California (Davis) — August 2020.
 - Software Engineering Virtual Experience (InsideSherpa), JPMorgan Chase & Co. — June 2020.
 - Professional Skills for a Globalised World, King's College London — December 2019.
 - The Fundamentals of Online Marketing, Google (Digital Garage) — October 2017.
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Projects

Sign Language Translator (in progress)

Proposes to use computer vision and data techniques to allow efficient translation of BSL to English.

Monopoly

CLI version of the popular board game in Python. To be expanded with a web interface in Django.

Personal Website

Expands upon my CV with a responsive design in HTML, CSS and JavaScript.

Skills and Interests

Software Proficient with Microsoft Office (Word, Excel, Powerpoint), LaTeX, JIRA.

Coding Java, Python, React Native, Ruby on Rails, MySQL. Experience with C++, Scala, JavaScript.

Interests Self-taught acoustic and electric guitar for 7 years; Grade 5 piano; design with Pixelmator; attend philosophy and psychology lectures and watch consumer technology keynotes.