James Jarvis

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Education

BSc Computer Science (Artificial Intelligence) with a Year in Industry 2016-2020
University of Kent, Canterbury

> 86% Average.
> Course provides a range of Computer Science skills, including OOP, functional/concurrent programming, web dev, algorithms and their efficiency, database design, fundamental mathematics. I have a strong enthusiasm for group work, where I am regularly the project leader.

International Baccalaureate 2014-2016
Dartford Grammar School

> Achieved 36 points, including: 6's in Higher Physics, Computer Science and Economics.
> Extended essay "Does Artificial Intelligence benefit Financial Trading?".
> Scored highest in y13 entrants for UK Bebras computing thinking challenge 2015.
> Participated in 2015 Physics Olympiad, won school photography competitions.

Additional Education and Qualifications side-projects

- Listed in Business Insider's "UK Tech 100 2019" for open source work, with over 2300 stars on GitHub and international acclaim.
- Built and deployed numerous web applications, in a rapid prototyping, low cost hosting environment.
- Enthusiastic Raspberry Pi hacker.
- Duke of Edinburgh's Awards: Completed Bronze, Silver and Gold

Work Experience

Software Engineer 2018-present
Cisco Systems, San Jose/London

> Year long internship in California working for the Identity and Access Management team within Cisco IT. Continued working remotely through university. Roles included project ownership and full stack development with multiple cloud-deployed services written in Python, Angular (Typescript, SCSS) and document based databases.

Technical Skills/Experience

- Programming Languages: Proficient in Golang, Python, JavaScript/TypeScript (preferably React, but also Angular) SQL/MongoDB and Graph databases, Docker/K8s, also experienced in Java and Erlang.
- Open source projects, working with and deploying REST and GraphQL based API's with HA K8s and serverless.
- Cisco Secure Development Lifecycle, Security Ninja training.
- Creative: Final Cut Pro X / Adobe After Effects / Adobe Photoshop
- Hackathon: Cisco University challenge 2017
- Hackathon: Won MLH Local Hack Day in San Francisco November 2018
- Hackathon: Volunteered at SC Hacks 2019