Matthew Jones

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EDUCATION

University of Southern California   **Aug 2018 – May 2020 (expected)**
Los Angeles, CA

- **Master of Science** in Computer Science

University of Exeter   **Sept 2014 – Jul 2018**
Exeter, UK

- **Master of Engineering** in Electronic Engineering and Computer Science

SKILLS

Languages: Python, Java, C, C++, JavaScript, PHP
Full Stack: HTML, CSS, Android SDK, Flask, Node.js, JSP, Angular, SQL, DynamoDB, Cloud (GCP, AWS, Azure)
Other: Windows, Unix, OSX, Git, Jira, Agile/Scrum

WORK EXPERIENCE

Software Development Engineer Intern   **May 2019 – Aug 2019**
Amazon – Seattle, WA

- Developed new user dashboard for an internal business tool with Java and JavaScript, used by over 300 Amazon employees monthly across several teams.
- Reduced time taken by employees in providing easy access to information previously much more difficult to find, therefore increasing efficiency of teams significantly.
- Presented product to over 50 people in Alexa Excellence organization.

Software Developer Intern   **Jun 2018 – Aug 2018**
University of Wales Trinity Saint David – Swansea, UK

- Implemented new features and improved performance for C++ research software used by company reaching over 400,000 customers annually.
- Streamlined existing processes using adapter design pattern connecting two previous components, reducing time taken to conduct research, saving time and money.

PROJECTS

Research Portal – USC Center for Systems and Software Engineering   **Sept 2019 – Dec 2019**

- Co-ordinated with a team of 6 others to remake official website of USC's Center for Systems and Software Engineering (CSSE) over course of semester, under direction of client.
- Designed to connect the vast USC Viterbi network of students, faculty and alumni worldwide by providing networking functionality, technical reports, research papers and events.
- Rebuilt system on more versatile tech stack based on Node.js, making it much easier to maintain in the future and to introduce new functionality.

EZ ML: Build-Your-Own Machine Learning Classifier – SB Hacks V   **Jan 2019**

- Led development with a team of 4 of web application built using Flask framework, allowing end user to build their own machine learning classifier model without writing any code.
- Created a Function-as-a-Service (FaaS) with Python to perform data classification in a small module on the backend.

EXTRA-CURRICULAR ACTIVITIES

IEEE International Conference on Biometrics: Volunteer   **Oct 2018**

- Supervised poster session with more than 20 international researchers.
- Collected presentation photographs for future media usage.
- Assisted guests at front desk by providing information and directions.

UKMT Senior Mathematics Challenge: Silver Award   **Nov 2013**

- Achieved 3rd highest score out of more than 100 test-takers.

Duke of Edinburgh Award: Bronze Certificate   **Jul 2011**

- Completed modules in skill, volunteering, sport and expedition.