SCOTT JONES

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EDUCATION

University of St Andrews *2019 - 2023*
MSci Computer Science (Integrated Masters Degree) - Intended Graduation in May 2023
Grade average: 16.4 (St Andrews grade scale - equates to strong 2:1)
Relevant Modules:

- Data Structures and Algorithms
- Operating Systems
- Systems Programming
- Computational Complexity
- Artificial Intelligence
- Logic
- Databases
- Data Communications and Networks

Colchester Royal Grammar School *2017 - 2019*
GCE A-Level Mathematics (A), Computer Science (A), History (A), Physics (B)
Awarded Speech Day Prize for Computer Science

PROJECTS

Federated Social Media Network - Software Engineering Team Project *September 2020 - Ongoing*

- Working in a team to create a university-focused federated social media site with React and Django
- Representing my team in meetings with other teams to design a federation protocol
- Producing regular progress reports and meeting regularly with our supervisor
- Using SCRUM methodology to develop in an agile way, organising regular SCRUM meetings remotely, building a backlog of user stories, and planning development sprint cycles
- Skills: JavaScript, React, Python, Django, JSON, Node JS, Git, SCRUM, Agile development

Serverless eCommerce Platform *May - August 2020*

- Used React to create an eCommerce platform with simple control panel to manage products
- Built a front-end-only platform to be deployed on GitHub Pages and take payments via the PayPal REST API
- Skills: JavaScript, React, JSON, Node JS, Git

AI Philosopher Twitter Bot *April - May 2020*

- Implemented an LSTM neural network in Python using textgenrnn and trained it on works of philosophy
- Used the Twitter API to schedule generated philosophy quotes to be posted as Tweets
- Skills: Python, Git

Neural Network Chord Chart Reader *September 2018 - March 2019*

- Used JavaFX and Gluon Mobile to create a cross-platform app to run on iOS and Android to aid music teaching
- Produces a formatted PDF version of a photograph of a handwritten musical chord chart
- Implemented an artificial neural network in Java and trained it on MNIST handwritten characters
- Skills: Java, JavaFX, Gluon Mobile

LANGUAGES AND SKILLS

- **Programming Languages:** Java (7 years), Python (3 Years), JavaScript (2 Years), C (1 Year), Haskell (1 Year)
- **Tools and Technologies:** Git (3 Years), React (1 Year), NodeJS, Django, JavaFX, JUnit, JSON, AJAX, Linux

References can be provided upon request