Scott Jones | Curriculum Vitae

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Education

University of St Andrews — Computer Science
Direct entry into second year, intending to pursue integrated master's degree
Relevant Coursework:

- CS2001 – Foundations of Computation
- CS2101 - Object Oriented Programming & Programming with Data (Accelerated)
- CS2003 – The Internet and the Web
- CS2002 - Computer Systems *
- CS2006 - Advanced Programming Projects *

Started: 2019
Intended graduation: May 2022

Modules marked * will be taken in the second semester of this academic year

Projects

CS2101 Mini-Project 2 – Mandelbrot Set Explorer   November 2019
- Created a graphical application in Java allowing a user to explore a dynamically generated image of the Mandelbrot Set

CS2101 Mini-Project 1 – File Sharing Application   October 2019
- Collaborated with other students to create a file sharing application-level protocol
- Created an application that allowed binary files to be encoded and transferred through TCP and discovered users dynamically

A-Level Computer Science Project – Neural Network Chord Chart Reader   September 2018 to March 2019
- Created a cross-platform mobile application to run on iOS and Android using JavaFX and Gluon that used a simple neural network to read handwritten chord charts

Languages and Skills

Java   5 Years
- Familiar with networking and GUI libraries (AWT, Swing, and JavaFX)
- Used for projects at university level (CS2001, CS2101, CS2003) and prior

JavaScript   2 Years
- Familiar with use of Node.js, AJAX, and JSON to create dynamic webpages with server-side and client-side JavaScript (CS2003)

Visual Basic   2 Years

Will have additional familiarity in Python, C, and Haskell by the end of this academic year (after completing CS2002 and CS2006)

References can be provided upon request