

Scott Jones | Curriculum Vitae

21 Venta Way, Maldon, Essex, UK, CM9 5LH | +44 07508 125371

scott2000jones@gmail.com | github.com/scott2000jones | scott2000jones.github.io/me

Education

University of St Andrews — Computer Science

Started: 2019

Direct entry into second year, intending to pursue integrated master's degree

Intended graduation: May 2022

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 *

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)

Interests - data science, big data, artificial intelligence

References can be provided upon request