

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 | LinkedIn: scott2000jones

Education

University of St Andrews – Computer Science, Integrated Master's Degree (MSci)

Started: September 2019

Relevant Coursework:

Intended graduation: May 2023

- CS2001 - Foundations of Computation
- CS2101 - Object Oriented Programming & Programming with Data (Accelerated)
- CS2003 - The Internet and the Web
- CS2002 - Logic, Programming in C, and Systems Programming
- CS2006 - Advanced Programming Projects

Colchester Royal Grammar School

Sept 2017 - July 2019

Studied A Level Maths, Physics, Computer Science and History, AS Level Further Maths

Projects

pytop - Interactive TUI System Monitor

May 2020 - Ongoing

- Uses Python's psutil to get system data and uses blessings display dynamically refreshing graphs with a browsable process list

AI Philosopher (@AI_Philosopher)

April 2020 - May 2020

- Implemented an LSTM Neural Network with textgenrnn and TensorFlow and trained on works of philosophy
- Used Twitter API and tweepy to post generated quotes to @AI_Philosopher on Twitter

CS2006 Haskell Group Project 2 - Othello

March 2020 to May 2020

- Terminal based implementation of Othello board game using Haskell
- Implemented simple AI player with multiple difficulties and optional alternate rulesets

A-Level Computer Science Project - Neural Network Chord Chart Reader

September 2018 to March 2019

- Used Gluon and JavaFX to create a cross-platform application to run on iOS and Android
- Implemented a simple neural network to read handwritten chord charts

Languages and Skills

Java - Experience implementing common data structures and creating multi-threaded applications, familiar with networking and GUI libraries (AWT, Swing, and JavaFX)

5 Years

JavaScript - Experience with Node.js, AJAX, and JSON to create dynamic webpages

2 Years

C - Familiar with use of pointers, dynamic memory allocation, and thread-safe programming

1 Year

Python - Experience with classes and iterators as well data analysis using pandas

3 Years

Haskell - Experience with IO, Monads for error handling, and programming in the functional style

1 Year

References can be provided upon request