

James Luong

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jluong23.github.io/blog

London, UK

Skills

Languages:

- ♦ Proficient with Python, C#, Java, JavaScript, HTML, CSS and L^AT_EX.
- ♦ Familiar with C++, Haskell, SQL and Ruby.

Technologies:

- ♦ Proficient with MERN Stack, Git, Unity and Linux (WSL).
- ♦ Familiar with Ruby on Rails, Sinatra, ASP.NET MVC and MySQL.

Education

University of Sheffield

September 2019 - July 2022

Computer Science BSc.

2:1, 67.4%

♦ *Dissertation Project:*

First Class, 70%

· **Title:** Accessing External Image Assets within a Virtual Reality System.

· **Description:** Using an Oculus Quest headset and Unity, developing an interface for accessing images stored on Google Photos.

♦ *COM3420 Software Hut:*

Team Project Winner

· Vehicle Management System for University of Sheffield Fleet Management.

Six 21, London

September 2017 - June 2019

A Levels in Computer Science, Mathematics and Physics.

A, A, B

♦ *Extended Project Qualification (EPQ):*

A*

· **Title:** Are top-level chess engines capable of human intellectual capacity?

· **Description:** Analysis of algorithms used in chess engines, using Searle's Chinese Room Thought experiment as a test for human intelligence.

Experience

Action Tutoring

October 2019 - March 2020

Volunteer Maths Secondary School Tutor

♦ Tutoring GCSE level Mathematics at local secondary schools in Sheffield once a week.

♦ Planning personalised lesson topics for each student.

♦ Developed communication and teaching skills, explaining my thought process to students.

School 21 IT Department

October 2018 – February 2019

Year 13 Work Experience Programmer

♦ Setting up Windows operating systems and peripherals on new computers around the school.

♦ Developing an absence request system for staff members on school intranet using .NET.

Projects	Task / Todo Tracker <div> <ul style="list-style-type: none"> ◇ Full Stack CRUD project for managing tasks. ◇ User authentication and login system via JSON Web Tokens (JWTs). ◇ Built using MERN stack, styled with Tailwind. </div>	September 2022
	Personal Blog / Portfolio <div> <ul style="list-style-type: none"> ◇ Displaying blog posts and personal projects. ◇ Built with React using inline styled-components. ◇ Hosted on GitHub pages at jluong23.github.io/blog. </div>	July 2022
	Shopping Cart Project <div> <ul style="list-style-type: none"> ◇ A fictional shopping page for selling album records. ◇ Provides a daily song using Moment.js and the Spotify API. ◇ Built with React, hosted on GitHub Pages. </div>	July 2022
Hobbies	<div> <ul style="list-style-type: none"> ◇ Chess: <ul style="list-style-type: none"> · 1848 ECF rating. · University of Sheffield Chess Team Captain (2021-2022). ◇ Distance Running: <ul style="list-style-type: none"> · South Yorkshire XC League with University of Sheffield Athletics Club. · Sheffield Half Marathon 2021 in 1:35. · Currently training for Richmond Marathon, September 2022. ◇ Climbing: <ul style="list-style-type: none"> · V4-V5 bouldering, developing problem-solving skills. </div>	
References	Dr Steve Maddock (UG Dissertation Supervisor) Senior Lecturer in Computer Science University of Sheffield Regent Court, 211 Portobello S1 4DP Email: s.maddock@sheffield.ac.uk	