James Luong

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jluong23.github.io/blog
London, UK

Skills

Languages:
⋄ Proficient with Python, C#, Java, JavaScript, HTML, CSS and LaTeX.
⋄ Familiar with C++, Haskell, SQL and Ruby.

Technologies:
⋄ Proficient with React, Express, MongoDB, 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 foundation level at local secondary schools in Sheffield once a week.
⋄ Planning personalised lesson topics for each student.
⋄ Developed communication and teaching skills, explaining thought processes 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 in school intranet using .NET.

Projects	**Personal Blog / Portfolio**	July 2022

⋄ Displaying blog posts and personal projects.
⋄ Built with React using inline styled components.
⋄ Hosted on GitHub pages at jluong23.github.io/blog.

Shopping Cart Project July 2022

⋄ A fictional shopping page for selling John Mayer album records.
⋄ Provides a daily song using Moment.js and the Spotify API.
⋄ Built with React, hosted on Github Pages

Hobbies

⋄ **Chess:** 1848 ECF rating, University of Sheffield Chess Team Captain (2021-2022)
⋄ **Distance Running and Cross Country:** Sheffield Half Marathon 2021 in 1:35.
⋄ **Climbing:** V4-V5 bouldering, developing problem solving skills.
⋄ **Music:** Blues guitar, occasional school performances and posts on social media.

References

Dr Steve Maddock (UG Dissertation Supervisor)
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