James Luong

jamesluong@hotmail.co.uk ⋄ +44 7821 747879
jluong23.github.io/blog
London, UK

Skills	
	Languages:

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	**Task / Todo Tracker**	September 2022

⋄ MERN Stack Project, managing tasks for multiple users.
⋄ User authentication and login system with JSON Web Tokens (JWTs).
⋄ Built with React and Node.JS, styled with Tailwind.

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)
Senior Lecturer in Computer Science
University of Sheffield
Regent Court, 211 Portobello
S1 4DP
Email: s.maddock@sheffield.ac.uk