

Harrison Ling

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Deeply determined individual with proficient problem-solving and communication skills looking for a summer internship.

Experience

Engineering You're Hired

Feb 2025

Sheffield University

This was a university led project that allows students to work with different disciplines across engineering. We were assigned into random teams of 6 and told to produce a solution. Our teams specific topic was "AI Solutions in Engineering". Our team over the course of a week planned out and presented our idea of a translation app that makes use of trained LLM's that are trained especially to focus on correctly translating engineering jargon.

Global Engineering Challenge

Jan 2024

Sheffield University

Worked in a multidisciplinary team, involving both remote and in person communication. Proposed a solution for renewable energy in Pu Ngaol, Cambodia whilst confined to a budget and environmental variables. Our team received a distinction mark

Peak District Prose

Sept 2023 - June 2024

A University led group project that made use of Agile software engineering principles to produce software from a set of requirements from a "client". The project was an online library where users signed up to be a "reader" or "writer" and could post or read books online in exchange for currency.

Kitchen Porter

Sept 2023 - Present

Work as part of a team of chefs alike a French Brigade to produce food in an acceptable timescale to result in an effective service.

Education

University of Sheffield

Current

Computer Science Undergraduate

Important First Year Modules: Java Programming: 82%, Introduction to Software Engineering: 77%, Machines and Intelligence: 74%, Introduction to Algorithms and Data Structures: 82%

The Sixth Form College Colchester

A-Levels: *Computer Science: A, Mathematics: A, Physics: A*

Projects

AIChat

Makes use of multiple API's to allow the user to communicate to different AI LLM's within the same application. Constructed of a python back-end to communicate with the API's and a JavaScript front-end.

Formula Tracker

A place for all formula one results. This is a project inspired by my passion and love for the sport. It makes use of an API to request the up to date data of the different championships (even ongoing ones). I made use of React to put the website together.

Bubble Sort Visualizer

A simple JavaScript project using the p5 library. This was one of my very first creations. It uses vertical bars to show how bubble sort sorts items into the correct order.

Technical Skills

Languages (Programming): Java, JavaScript, Python, Ruby

Languages (Spoken): English (Native), German (very basic, learning)

Other Skills: SQL, Git