Isaac PARKER
Computer Science Graduate

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📍 Manchester, England

Motivated computer science graduate passionate about contributing to projects, collaborating with teams, and developing scalable, user-focused software solutions for real-world challenges.

▤ SKILLS

Programming Languages	Python, Java, HTML/CSS, JavaScript
OS Platforms	Windows, Linux
Technical Skills	CI/CD , .NET , REST APIs , object-oriented , AWS , Azure , Firebase , GitHub , GitHub Desktop , VS , VS Code , Pycharm , Android Studio, MySQL, Testing
General Skills	Problem Solving, Communication, Teamwork, Time Management, Perfectionist, Adaptable

💼 PROJECTS

January 2025 — Bank Application, C, MYSQL, .
> Learning C by creating a simple banking application that utilizes MySQL to save the data to appropriate database tables. The application allows user creation, logging in, user account deletion, depositing, withdrawing, and checking transactions history, and more in the future.

`C` `MySQL`

October 2024 — Developing of Website Portfolio, HTML, CSS, JS, .
> Created a personal portfolio website using HTML, CSS, and JavaScript to showcase my work, skills, and experience. The site features an interactive and responsive design, highlighting projects and achievements in an engaging and professional manner.

`HTML` `CSS` `JavaScript`

April 2024 — Data Visualisation of Climate Change, PYTHON, .
> Dissertation based on visualising climate change data using Python libraries and researching the data based off of graphs created. Has a basic UI using Tkinter.

`Python` `Plotly` `Pandas` `Tkinter`

March 2024 — AI Chatbot, PYTHON, .
> Created a fruit-focused chatbot with AI capabilities, including AIML-based dialogue, rule-based reasoning using FOL and NLTK, and a CNN model for fruit image classification

`Python` `AIML` `NLP` `Similarity Methods` `NLTK` `FOL` `CNN`

March 2024 — Mobile Applications, JAVA, .
> Developed a "ToDoList" mobile app in Java using Android Studio, enabling users to create, modify, and delete tasks and firebase as the backend.

`Java` `Android Studio` `Firebase`

March 2022 — Front-end Web Design, HTML/CSS, .
> Developed HTML and CSS code for a group project for a smart refrigerator application.

`HTML` `CSS` `GitHub` `Teamwork`

January 2024 — Developing a RESTful Web Service , PYTHON, .
> Developed the "Travel Buddy Finder" application using Spring Boot, implementing a RESTful web service with JSON-based communication. Migrated the application to Azure Virtual Machine and conducted performance testing with Locust.
> GitHub Link: https://github.com/IsaacPrkr/TripProject-Travel-Buddy-App

`Python` `RESTful Framework` `JSON` `Azure` `Locust`

🎓 EDUCATION

2018-2020	Information Technology Course at Macclesfield College, Cheshire
2020-2024	Graduated Computer Science at Nottingham-Trent University, Nottingham, 2:1 Grade

Interests

TECHNOLOGY:	Keeping in touch with the tech world, Working on personal projects(Currently learning .NET)
OUTDOOR ACTIVITIES:	Hiking, Bouldering, Football, Basketball
ARTS/CULTURE:	Drawing, Visiting different towns/cities