

ADAM KAIZRA

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Passionate and competent fourth-year MSci Computer Science student at the University of Exeter, currently studying robotics, machine learning and simulations. Working as part of a team on a capstone project delivering software solutions to a business client.

Seeking a job to apply, develop and expand my skills in the technology sector.

PROJECTS

International Trade and Alliance Networks Analysis

- Researched IR and network science methods
- Created datasets by using Python's Requests library to source data from APIs
- Performed exploratory data analysis using Pandas and Matplotlib
- Generated graphs with networkx and visualised them in Gephi

Material Advection Simulator

- Parallelised C program using OpenMP
- Simulates the advection of material from a chimney in the atmosphere

SC Microservice Spreadsheet MVP

- Python spreadsheet microservice that communicates with RESTful API
- Two alternative services for either on premise SQLite database or cloud No-SQL database
- Follows microservice architecture where either data storage service is interchangeable

Arcade Web Game

- LAMP stack website with a login / registration system
- Clone of a famous 80s video game using JavaScript
- Leaderboard page connecting the user login and game scores

Cycling Race Management Portal Backend

- Pair programming project with equal 50:50 development split
- Developed a backend in Java to specification which was to be integrated with a separately developed and unseen front-end

EXPERIENCE

Excode Seminar Lead

Oct – Dec 2023 & Oct – Dec 2024

- Led a workshop of 25 students to teach them the fundamentals of programming and the Python language.
- Improved my public speaking, teaching and presenting skills.

Pandora Sales Assistant

Sep 2022 – Present

- Provided personalised one to one sales service with customers
- Maintained performance in a fast paced, high-pressure environment during peak Q4 sales periods.