ADAM KAIZRA

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Driven fourth-year MSci Computer Science student 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 and develop my skills in the technology sector.

SKILLS

- Python, C, SQL, NoSQL, JavaScript, HTML, CSS, Java, GDScript
- Data Analysis, Robotics, Network Science, Simulations, Fullstack
- Git, Bash, Linux, React, REST, Agile, CI/CD, Testing

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

EDUCATION

MSci Computer Science   *July 2025*
- University of Exeter

EXPERIENCE

Seminar Lead – Excode   *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

Sales Assistant – Pandora   *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