TYLER DICKENSON

07944 158387 | TJDickenson75@gmail.com
68 Maes-Y-Wennol | Pontyclun | RCT | CF72 8SB

PROFILE

Driven Computer Science student with a strong foundation in software development and problem-solving. Experienced in building web applications through academic projects, coursework and personal projects. Eager to apply theoretical knowledge and technical skills in a graduate software engineering role, build innovative solutions, improving customer experience, and tackling complex challenges in a real-world setting.

EDUCATION

Swansea University - Computer Science *September 2022 - July 2025*
BSC WITH HONOURS (Achieved a 2:1)

- **Key Modules -** Software Engineering, Algorithms, Database Systems, Artificial Intelligence, Big Data and Machine Learning.
- **Dissertation -** Developing a finance-focused social media web application that enables anonymous discussions to break the stigma around financial topics. The platform provides financial tools to support user interactions and is built using Laravel and React . (Achieved a 1st Grade for Dissertation)

Y-Pant Comprehensive School *September 2015 - August 2022*
A Levels (A* - C) - Computer Science, Business, Product Design and Welsh Bacc.

TECHNICAL SKILLS

- **Programming Languages -** Java, Python, JavaScript
- **Web Development -** HTML, CSS, React, Laravel
- **Tools & Platforms -** Git, Docker, Visual Studio Code, Agile Methodologies

WORK EXPERIENCE

Cardiff Council *July 2024 - July 2024*
POLLING STATION CLERK

- Contributed to the democratic process of parliamentary elections.
- Ensured compliance with secure processes in high-pressure environments.
- Supported operational logistics, maintaining accurate digital records.

Miskin Manor Hotel *August 2021 - October 2023*
FOOD & BEVERAGE ASSISTANT

- Responsible for taking customer orders and communicating with kitchen staff.
- Collaborated with team members for efficient service during peak hours.
- Assisted with event setup and breakdown, including weddings and functions.

PROJECTS

CS2 Trading Bot
- Developed a profitable automated trading bot that identified and purchased undervalued CS2 items for resale, generating substantial profit (£10,000+).
- Utilized Puppeteer with proxies and the stealth plugin to navigate trading platforms and execute trades efficiently based on an estimated profit.

OneTrackr
- Developed a parcel tracking app that consolidates tracking information from multiple couriers into one platform, providing users with updates and the ability to manage deliveries.
- Built with React for the front-end, Node.js and Express for the backend, integrating multiple courier APIs and using PostgreSQL for data storage.

Investment Portfolio Tracker (A-Level Project)
- Developed a portfolio tracker that allowed users to monitor stock prices and track investments using interactive charts.
- Created with Python using Tkinter for the GUI, using an API to fetch stock data, and stored information in an SQL database for Tracking.

EXPERIENCES & ACHIEVEMENTS

Second University Team Golf Captain
- Led and organized team events, managing logistics and scheduling competitions.
- Improved teamwork and leadership skills by mentoring teammates and coordinating practice sessions.

Duke of Edinburgh Bronze Award
- Developed resilience, time management, and teamwork through physical challenges and volunteering.
- Improved problem-solving skills by planning routes and working through challenges during the expeditions.

Volunteering at Local Golf Club
- Assisted junior golfers by providing guidance and support during practice sessions.
- Developed patience and communication skills while mentoring younger players and encouraging team spirit.