

# TYLER DICKENSON

07944 158387 | [TJDickenson75@gmail.com](mailto:TJDickenson75@gmail.com) | [tylerdickenson.com](http://tylerdickenson.com)

68 Maes-Y-Wennol | Pontyclun | RCT | CF72 8SB

[linkedin.com/in/tylerjdickenson](https://linkedin.com/in/tylerjdickenson) | [github.com/TylerDickenson](https://github.com/TylerDickenson)

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## PROFILE

Motivated Computer Science student with strong technical and analytical skills, experienced in SQL, Excel, and troubleshooting IT systems. Skilled at handling large datasets, ensuring data accuracy, and supporting software platforms. Looking to apply technical expertise and problem-solving abilities in Data & IT Roles. Eager to contribute in a fast-paced environment by delivering reliable support and maintaining high standards of data quality.

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## 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, Web Service Development and Web Application Development.

### Y-Pant Comprehensive School

September 2015 - August 2022

**A Levels (A\* - C)** - Computer Science, Business, Product Design and Welsh Bacc.

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## TECHNICAL SKILLS

- **Programming Languages** - Java, JavaScript, Python, SQL, HTML, CSS
  - **Frameworks & Libraries** - React.js, Node.js, Laravel, Nuxt.js, Vue.js
  - **Tools & Platforms** - Excel, Git, GitHub, Visual Studio Code, Agile Methodologies
  - **General Skills** - Strong Communication, Attention to Detail, Problem-Solving, time management, teamwork and organisational skills.
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## WORK EXPERIENCE

### Cardiff Council

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 - November 2022

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

### Financial social Media app (Dissertation Project)

- Designed and built a finance-focused social media platform with Laravel, React, Tailwind CSS, MySQL, and Docker, enabling secure, anonymous discussions and delivering a responsive, scalable user experience.
- Delivered a secure, user-friendly platform with integrated financial tools and interactive features, achieving a **First-Class grade** for the project.

### CS2 Arbitrage Trading Bot

- Developed a profitable automated trading bot that identified undervalued CS2 items for resale, generating substantial profit of **£15,000+**. Utilized
- Puppeteer with proxies and the stealth plugin to navigate trading platforms and execute trades efficiently based on an estimated profit.

### Investment Portfolio Tracker (A-Level Project)

- Constructed 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.
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## 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.