Nathan Tomlinson

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A passionate recent BSc Computer Science graduate, keen to develop a professional career and build a solid portfolio of real-world projects guided by current and furthered knowledge acquired in the industry. Competent and experienced in teamwork, management, communication, and technical skills through a range of collaborative and individual projects. Eager to embrace and incorporate emergent technologies into future projects.

Main Projects

Dissertation Project

Used the Blazor framework with the MudBlazor component library, ASP.NET Core Identity for authentication, an SQL server with Docker to store data, and OpenStreetMap API to provide a secure, sleek, and accessible social club portal web app with geolocation functionality, developed using the .NET ecosystem.

JoinUp

An in-progress remake of my dissertation project, using an alternate stack based on previous research. Using React, Node.js, Express.js, PostgreSQL (with Supabase) in an effort to remedy some downfalls of the original project.

Twitter Browser Extension

A browser extension built with JavaScript, HTML, and CSS to enhance the user experience on Twitter/X by allowing them to remove unwanted features according to their preferences.

Work Experience

Tesco Express   April 2024 - Current

Customer Assistant   Hull, Kingswood, Monks Way

- Immediately comfortable with internal system updates, helping colleagues to adjust to new workflows.
- Able to communicate with every customer, ensuring that they left the store feeling brighter than when they entered.
- Handled various customer and colleague queries and concerns.
- Quickly learned all of the elements of working in the store, being comfortable asking for assistance when necessary.

Educational Achivements

University of Hull   September 2022 - July 2025

BSc Computer Science [2:1]

- Researched alternate frameworks (React, Angular, Vue.js), database options (MongoDB, MySQL, SQLite) during my dissertation project.
- Experimented with and trained various AI algorithms in which data analysis techniques such as association rule mining were used to then be compared to the results of the models.
- Completed a Computer Vision project using YOLOv5 to identify UK road signs in photos and videos.
- Using Azure, developed concepts and understanding of cloud architecture and operating systems, how they are made, how they function, and their uses.
- Coordinated, took responsibility for, and aided in various areas of a group project, ensuring a sense of community and providing drive to the team. Scrums were used to ensure consistent progress within the group.
- Developed UI and UX knowledge, in terms of both reasoning and development of various elements.
- Growth in professional conduct and an understanding of professional environments.

Wyke 6th Form College   September 2020 - June 2022

A-Level

- A Levels in Maths, Photography with a Distinction* in Computing.

Kingswood Academy   September 2015 - May 2020

GCSE

- 6 GCSEs at an average grade of 9.
- 2 BTECs at Distinction and Distinction* level.
- Various awards for exceptional work and attendance.

Achievements / Interests

E-Sports

- Participated in E-Sports societies at university and sixth form, as part of a team with 6+ individuals each year who relied on my communication skills and forward-thinking to achieve our collective goal.
- Participated in online E-Sports tournaments outside of studies and involved myself in the community, meeting and working with 100+ people from across Europe, earning some life-long friends.

General Computing Passion

- Built and upgraded my own and multiple friends' PCs.
- Experimented with homebrew modifications, applying them to multiple gaming consoles.

References

References available upon request.