

Robbie Parr

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A full-stack developer, proficient in React, Typescript & .NET, who can adapt to any challenge. Undertaken impactful leadership, as President of Baking Society, improving team cohesion & performance. Established a tech community, with 125 members, linking students with industry professionals from well-established groups in York. Aspiring to make a real difference & seeking a new role in an innovative company where creative solutions can shine.

.Net, React & Umbraco Portfolio Site - www.robby-parr.com

I've created a portfolio site detailing my skill set using ASP.Net with a .Net 8 backend using a React & razor frontend, empowered by the Umbraco CMS.

Technical Skills

- Programming Languages: TypeScript, JavaScript, C#, .NET, Python, Java, Haskell, HTML, CSS & SCSS
- App development: React & React Native utilising TypeScript, .NET MAUI
- Styling (apps & websites) using TailwindCSS
- Deploying software (apps & websites) using Expo & Vercel Deployment as well as submitting & releasing subsequent updates
- Project Management using Git (GitHub)
- Databases using Firebase, Sanity & SQLite (Using SQL & XML), MySQL, MongoDB
- Using CMS systems Umbraco & Kentico for the management of content on apps and websites
- AI development and Machine Learning development and utilisation

Education

University of York, BEng in Computer Science. Graduated June 2023 with 2:1 Honours

Investigation of the Importance of feature selection for hand gesture recognition using low-cost sEMG wristband

Written in Python, using Machine Learning, this dissertation project encapsulated a lifetime of studying. Designing a complex model pre-training LSTM, CNN & ANN layers to optimise the use of a plethora of differing feature sets in smaller, more streamlined, models for hand gesture recognition using wearable IOT devices, focused on sEMG detectors. This project researched into this new area of technology, and was developed to provide an open source high performance solution with limited time & no budget, to enhance users experience of results whilst being accessible for future researchers.

A Few Relevant Modules:

Software 3: Functional Programming with Applications

A deep dive into using Haskell, a functional programming language, unlearning OOP knowledge & reframing problems in a pure functional way. Providing adaptability to the user and enabling the learning of any programming language or stack, at pace.

Data 2: Data Analysis & Management

A detailed look at Structured Query Language (SQL), accessing & analysing large datasets.

MODE: Model-Driven Engineering

A master Level module taken as an Undergraduate; creating DSL for complex problems, companies & application architectures, Improving & streamlining customer, client & developer experiences.

Collyers (College of Richard Collyer) A Levels: Computer Science: A*, Mathematics: A*, Physics: A, EPQ-Artifact: B

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Relevant Experience:

Volunteering at Cancer Research UK	September 2024 - Current
Dedicating time to volunteer in Cancer Research UK's Horsham shop has been an honour. I've facilitated a friendly, supportive multi-national & interdisciplinary team. This role involves sorting through donations, identifying high-ticket items that need to be passed onto head office for sale on auction sites and working with the rest of the team to maximise incoming donations, with the profits helping to fund Cancer Research in the UK.	
Founder of ParrGalaxy, POD Etsy Store	September 2024 - Current
Founded ParrGalaxy, a vibrant Print On Demand (POD) Etsy Store for those interested in space!: - Learnt about SEO, graphic & product design, product promotion and marketing via storytelling - Ensured premium quality products designed, produced & listed on the store - Provide an outstanding customer experience both online and offline.	
IDHL (Leeds)	January 2024 - August 2024
As a Junior Support Developer: - Learned 8-10 different Kentico & Umbraco CMS implementations & adapted quickly to all custom implementations. - Fixing bugs Full Stack across a tightly coupled .Net backend & React frontend - Evaluated client queries & requests and identified & implemented technical solutions to resolve ongoing issues on Live commercial websites (both frontend and backend)	
Findon Software (Contract)	September 2023 – December 2023
As a fully remote React Developer on one of Findon Software's projects: - Implemented reusable react components, including a custom hook for API database access. - Optimised .NET code alongside a highly coupled NodeJS environment, while focusing on NodeJS/React, to transform client requirements into real results	
York Community Consulting (YCC)	October 2022 – June 2023
Orchestrated a successful site rebuild & removed technical debt as a Senior Consultant. Promoted to Software Developer in the YCC Technology team: - Developed the new YCC website from the ground up, utilising ReactJS/NextJS, SCSS, JSX; with a JavaScript backend & firebase API endpoints - Enabled YCC to secure future clients & students who were previously unaware of YCC - Established a need for a developer team to maintain & improve technology within the organisation - Co-ordinated Agile workflows throughout, supplemented by GitHub for version management	
Shelton Development Services (Cranleigh)	July 2017 – August 2017
Work experience: Re-created a licence system for software products, worked with Senior Developers to integrate the new system. Implemented a solution in Python, Pygame, HTML & CSS	
University of York, Baking Society	March 2021 - March 2022
Honoured that whilst at the University of York, to lead a fantastic Baking Society as President. Led the committee team, directed events, rejuvenated buzz for in-person events after lockdowns and increased student engagement.	

Interesting Hobbies

Baking & cooking, Strategic Board games and computer games, Volunteering.