

Thomas Haslam

📍 Chester, United Kingdom 📩 haslamtom77@gmail.com ☎ +44 7555350755 🌐 Portfolio Website
LinkedIn Thomas Haslam GitHub Atomix77

Profile

Final-year MEng Computer Science with Artificial Intelligence student at the University of York, currently on track to achieve a first-class degree. Full-stack software developer with experience in developing responsive front-end interfaces, designing databases, implementing RESTful APIs and deploying production-ready applications. Academic and technical interests include robotics, machine learning, and real-time control systems, as demonstrated by my third-year project, building an autonomous vessel navigation system using ROS 2 and AI models evolved through genetic algorithms. Proficient in multiple coding languages with experience in software engineering and applied AI. Outside of academia, I work as an RYA watersports instructor and team leader, teaching sailing and managing water safety and demonstrating strong leadership, communication, and risk management skills in a dynamic environment.

Education

MEng University of York , Computer Science with Artificial Intelligence	Sept 2022 – June 2026
<ul style="list-style-type: none">Encompasses topics such as artificial intelligence and deep learning, cyber security, and data analyticsDissertation Project: Autonomous Navigation System for Vessels in Channels Using Neural Networks Evolved with Genetic Algorithms (First Class).	
Sir John Deane's College A-Levels	Sept 2020 – June 2022
<ul style="list-style-type: none">Maths: A*, Computer Science: A, Physics: A	

Experience

Sailia , Software Developer	Feb 2024 – Aug 2025
<ul style="list-style-type: none">Developed and maintained backend APIs using PHP and designed SQL database schemas optimised for performance and integrityDesigned and implemented responsive frontend interfaces using HTML, CSS, and JavaScript frameworksBuilt key system features including payment functions, client onboarding, and memberships for a watersports management platformCollaborated with clients to scope and deliver custom functionality, and addressed client-reported issues through analysis, fixes, and testingParticipated in agile team coordination, including task allocation and code reviews	
Manley Mere , Watersports Instructor and Team Leader	May 2021 – Present
<ul style="list-style-type: none">Led sailing and paddle sports sessions, delivering safety briefings and practical instructionPerformed lifeguard duties for the aqua park and open water swimming, ensuring public safety and smooth operations of the centreDeveloped strong communication, leadership, and risk management skills in dynamic environments	

Skills

Languages: Python, C, Java, JavaScript, HTML, CSS, PHP, SQL

Technologies: Git, Docker, Linux, ROS2, Gazebo, PyTorch, TensorFlow, Scikit-learn

Certificates: RYA Dinghy Instructor, RYA Day Skipper and ICC, RYA Powerboat Level 2, RYA First Aid