

Jamie White

07578777221 | Jamiecs@live.co.uk | [LinkedIn](#) | [GitHub](#)

Education

University of Kent

Sept 2023 – Sept 2025

MSc Advanced Computer Science

Merit (Predicted)

University of Kent

Sept 2019 – 2022

BSc (Hons) Computer Science

Upper Second Class Honours (2:1)

Technical Skills

Languages: Java, C++, SQL (Postgres), JavaScript, TypeScript, HTML/CSS, GraphQL

Frameworks: React, Next.js, Gatsby, MongoDB, Node.js, JUnit, Bootstrap, Tailwind CSS, Stripe, Firebase

Personal Projects

Portfolio Website - [Portfolio Website](#) - [GitHub Link](#)

- Built and deployed a responsive portfolio using React, Next.js, and Tailwind to showcase technical projects and strengthen personal branding.
- Utilized technologies including React, Next.js, TypeScript, Tailwind, and Framer Motion**, with hosting on Vercel.

Automatic IOT Plant Watering System - [GitHub Link](#)

- Built an automated IoT plant care system using C++, Arduino, and ML algorithms to optimize irrigation decisions based on real-time sensor data.
- Applied logistic regression and KNN to classify soil and environmental data, improving watering efficiency and reducing waste.
- Implemented a PID control system for real-time regulation of temperature and lighting, ensuring stable growth conditions.
- Built a responsive dashboard to visualize live sensor readings and issue alerts via mobile notifications for system anomalies.
- Integrated skills across embedded systems, ML, and web development to deliver a full-stack agricultural automation solution.

Vending Machine Modelled in Java - [GitHub Link](#)

- Created a vending machine simulator in **Java** that effectively demonstrates core **object-oriented programming (OOP)** concepts, including **encapsulation, abstraction, inheritance, and polymorphism**.
- Authored clear and **well-documented code** with comprehensive **test coverage**, ensuring reliability and maintainability.
- Exhibited a strong mastery of **OOP principles**, enhancing **software design** and usability through robust implementation.

Work Experience

Receptionist

- **University of Kent Careers and Employability Service**, Canterbury

July 2022 – Nov 2022

Managed student inquiries, scheduled appointments, and supported department operations with a professional and friendly approach. Coordinated with partnered businesses and addressed phone queries efficiently to ensure smooth daily functions.

Kitchen & Front of House Staff

- **Papa's The Deep Blue**, Canterbury

Aug 2021 – Dec 2023

- **McDonalds**, Farnborough

Feb 2019 – Aug 2022

Delivered 500+ meals per shift while maintaining high standards of food quality, hygiene, and speed, contributing to improved customer satisfaction and streamlined service during peak hours.

Trained and supported new team members on food prep and customer service protocols, promoting team efficiency and knowledge sharing.

Customer Assistant

- **Asda**, Farnborough

Apr 2017 – Oct 2018

- **Marks and Spencer**, Guildford

Dec 2016 – Jan 2017

Enhanced the customer shopping experience by providing product assistance, delivering efficient checkout service, and maintaining a clean, organized store environment, while collaborating with team members to optimize operations and increase overall satisfaction.