

# Jamie White

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## Education

University of Kent

Sept 2022 – **Present**

**MSc Advanced Computer Science**

University of Kent

Sept 2019 – 2022

**BSc (Hons) Computer Science**

- Upper Second Class Honours (2:1)

## Work Experience

### Receptionist

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

July 2022 – Nov 2022

Working on reception ensuring all staff and students with questions, meetings and organisational needs are adequately met in a helpful and friendly manner.

### Kitchen Staff

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

Aug 2021 – Present

- **McDonalds, Farnborough**

Feb 2019 – Aug 2022

This is a highly collaborative role, creating meals and keeping the chain of operations running smoothly alongside a large team, in a fast-paced environment.

### Customer Assistant

- **Asda, Farnborough**

Apr 2017 – Oct 2018

- **Marks and Spencer, Guildford**

Dec 2016 – Jan 2017

These customer-facing roles were instrumental in increasing my confidence and communication skills. Through regular interactions with the public, I gained effective customer service and teamwork skills. Juggling these roles with my coursework meant I had to be highly organised to manage my time well.

### Quality Assurance Tester

- **Testology, Aldershot**

May – Aug 2016

This role gave me an early insight into a technical role and fuelled my interest in computing and building a career in this field. The role itself required close attention to detail, and I learnt a lot about producing products and quality testing to a professional standard.

## Technical Skills

Languages: Java, SQL (Postgres), JavaScript, TypeScript, HTML/CSS, jQuery/Ajax, PHP, GoLang, GraphQL, SPARQL

Frameworks: React, Gatsby, Node.js, JUnit, Bootstrap

## Projects

### Automatic IOT Plant Watering System

- Developed an automated plant care system using C++, Arduino, and machine learning.
- Implemented logistic regression and KNN algorithms to analyse sensor data and calculate optimal watering schedules.
- Created a PID control system to maintain ideal temperature and lighting conditions.
- Built a web interface to graph sensor data and send mobile notifications on issues.
- Demonstrated expertise in embedded systems, ML, web development, electronics, and control systems.

### Vending Machine Modeling in Java

- Developed a vending machine simulator in Java showcasing OOP concepts like encapsulation, abstraction, inheritance, and polymorphism.
- Wrote clear, well-documented, and thoroughly tested code.
- Demonstrated a strong understanding of object-oriented programming principles.