

## CONTACT ME

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## SKILLS

Java  
Python  
HTML5, CSS, JavaScript  
Figma  
UNIX  
CLI  
MySQL  
PostgreSQL

## PROJECTS

### Patient Management System

I developed a patient management system using Java and MySQL for patient registration and information access via a portal. Using a traditional TDD approach, I completed the project in 3 sprints, implementing authentication, authorization, and logging mechanisms. This involved creating the database design and test specification documents.

### Hack Assembler in Python

Developed an assembler for a language called Hack to parse and convert the assembly code into machine code. The program enforces the language syntax and checks for comments and any errors in the code written. By completing this project, I learned about Abstract syntax trees and the inner workings of the compiler.

### Food Order App - Figma

I created a Figma prototype for a fictional pizza place as part of a group project, applying the 10 Usability Heuristics and incorporating customer feedback throughout. This experience showcased my skills in prototyping, UI design, and project management. I also learned to use new software quickly and effectively.

## CERTIFICATES

Build A Modern Computer From First Principles - **Coursera**

Introduction To OOP Programming Using Java - **University of Oxford, Continuing Education**

ACCA Diploma In Financial Management Accounting - **RQF Level 2 & 3**

# UZAIR SHAFIQUE

SOFTWARE ENGINEER

## PROFILE

I am a 3rd year Computer Science student at the University of Kent, on track to receive a 1:1. Having previously studied accounting and business management, I soon found my way into programming to solve innovative business problems and providing value to customers. To deepen my understanding and curiosity, I worked on building a computer during my summer holidays and wrote a parser for my own language. I enjoy learning about machine learning advancements, and I am excited to learn even more under the guidance of industry professionals.

## WORK EXPERIENCE

### University of Kent – Canterbury

2023 - Present

#### Peer Tutor

- Guided first-year students through the fundamentals of computer science, improving their understanding and confidence in programming and data structures.
- Developed personalised study approaches for students, helping them grasp course material more effectively and see improvements in their academic results.
- Offered support in tackling difficult topics and assignments, creating a supportive and interactive learning atmosphere that encouraged student success.

### ASDA Stores Ltd – Greenhithe

2019 - 2023

#### Retail Assistant

- Being a part of the team helped me in appreciating the individual roles of different people in making sure we achieve our quarterly and yearly targets.
- Leading the GM retail team on night shifts allocating tasks and resolving customer complaints effectively.

### Darent Valley Hospital - NHS Trust

Summer 2017

#### Software/Finance Intern

- Worked on the supplier database for efficient invoice management. Improved on-time invoice generation by 24% during the next month.
- Attended department meetings learning about collaboration and teamwork in solving problems.
- Testing the invoice system by generating invoices and monitoring the system performance throughout my internship.

## EDUCATION

### University of Kent

2022 - 2025

#### BSc (Hons) Computer Science

- 1st Year - Distinction (91%)**  
OOP, Foundation of Computing, Cloud, Algorithms, Data Structures, Databases, Human Computer Interaction
- 2nd Year - Distinction (85%)**  
Algorithms Correctness, Artificial Intelligence, Computer Systems, Theory of Computing, Cyber Security, Functional Programming, Database Systems
- 3rd Year - Predicted (1 : 1)**  
Machine Learning, Deep Learning, Computational Intelligence in Business and Finance, Semantic Technologies and Graph Analytics, Cognitive Robotics, Quantum Computing and Cryptography

### Wilmington Academy

2016 - 2018

#### A - Levels

- LIBF Level 3 Certificate in Financial Studies - **A**
- BTEC Level 3 Diploma in Business - **Distinction\* Distinction**

#### GCSEs

- GCSE English - **C**
- GCSE Mathematics - **B**

### Ameena Public School

2014 - 2016

#### Matriculation (Pakistan) - GCSE Equivalent

- Marks: **988 / 1100**