

# Daniel Onyekanmuke Onyiri, Studying BSc (Hons) Software Engineering

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## Personal Statement

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Motivated and detail-oriented Software Engineering student at the University of Huddersfield, currently in the second year of a BSc (Hons) degree. Passionate about creating efficient, user-focused digital solutions and expanding technical expertise through real-world experience. A quick learner with strong problem-solving, teamwork, and communication skills, eager to contribute to software development and IT projects in a professional environment.

## Technical Skills

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### Languages

Python, Java, HTML, CSS, C, C++, PHP, SQL

### Libraries

Scikit-learn, Pandas, Matplotlib, Seaborn

### Tools

Visual Studio Code, GitHub, Replit, XAMPP, phpMyAdmin

### Networking

Cisco Networking Academic platform

## Education

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### BSc (Hons) Software Engineering, University of Huddersfield

09/2024 – Present

Year 1 Modules and Grades:  
Computer Organisation and Architecture – **A**  
Introduction to Object-Oriented Programming – **A**  
Introduction to Procedural Programming – **A**  
Computer Network Fundamentals – **B**  
Computing Science and Mathematics – **C**  
Project 1 – **D**

Huddersfield, United Kingdom

### Year 2 Modules (Grades TBC):

Algorithms and Data Structures  
Introduction to Artificial Intelligence  
Relational Databases and Web Integration  
Object-Oriented Systems Development  
Cyber Security  
Team Project

### International Foundation Year (Computing and Engineering Pathway),

10/2023 – 06/2024

University of Huddersfield  
Results:  
Academic English Skills(P) **A**, Computing **A**, Personal Learning and Thinking Skills **A**,  
Physics **A**, Applied Mathematics 1 **B**, Pure Mathematics 1 **B**

Huddersfield, United Kingdom

### West African Senior School Certificate Examination, Hallel College Boarding

09/2016 – 08/2022

Transcript available on request.

Port Harcourt, Nigeria

## Projects

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### **Team Project, Trivia Game App Concept**

- Designed app storyboards and user flows while managing project tasks via Microsoft Teams and Trello.

### **Personal Portfolio Website – Vital Voyagers, HTML & CSS**

- Developed a responsive, accessible website promoting teen health. Curated wellness content and modern layouts to drive community engagement and healthy lifestyles.

### **BMI Calculator, JAVA**

- Developed a Python-based BMI calculator using programming logic and input validation to categorize health metrics accurately.

### **Breast Cancer Diagnostic System (AI), Python & Scikit-learn**

- Engineered a high-accuracy (97%) breast cancer detection system using **Python and machine learning**, involving full data pipelines and model optimization.

### **Poppleton Dog Show Management System, PHP & MySQL**

- Designed a web application featuring a 7-table relational database and complex **SQL JOINs** for dynamic data retrieval.

## Professional Experience

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### **Cleaning Operative (Contract), Blue Arrow Recruitment Agency**

08/2025 – 01/2026

- Performed time-sensitive cleaning tasks across industrial and commercial sites including Skopes and First Bus Depot.
- Demonstrated reliability, independence, and commitment to high standards.

Huddersfield, United Kingdom

### **Warehouse Operative, Evri**

11/2024 – 02/2025

- Operated in a digital logistics system for parcel sorting and dispatch.
- Collaborated effectively to meet delivery targets in fast-paced conditions.

Barnsley, United Kingdom

## Extracurricular Activities

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### **Digital Leader**

10/2023 – 06/2024

- Supported students and staff with digital learning platforms and resources.

### **Class Representative**

10/2023 – 06/2024

- Facilitated communication between students and academic staff to enhance the learning experience.

## Hobbies & Interests

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### **Music**

Play bass guitar and keyboard; enjoy exploring digital audio tools.

### **Sports**

Football enthusiast and active team player.

### **Technology**

Enjoy exploring new software tools and helping peers solve IT-related issues.

## References

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Available on request.