

Timothy-Joseph Godwin

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Education

University of Birmingham M.Eng Computer Science with Software Engineering	Sept 2023 – 2027 (Expected) Birmingham, UK
<ul style="list-style-type: none">Culmulative GPA: 3.9/4.25Relevant Coursework: Full Stack App Development, Object Oriented Programming, Data Structures, Software Engineering and Professional Practices, Functional Programming, Artificial Intelligence	
Kaplan International College, London Foundation Certificate in Science and Engineering	Jan – June 2023 London, UK
<ul style="list-style-type: none">Culmulative Average: 83.33%Relevant Coursework: Mathematics: 90%, Information Technology: 88%, Extended Project: 72%	

Technical Skills

Programming Languages: Python, Java, JavaScript, TypeScript, C, Haskell, PowerShell
Data Analysis & ML: Pandas, Scikit-learn, PyTorch, Tableau, Data Visualization, Statistical Analysis
Web Technologies: React, Angular, Spring Boot, HTML/CSS, Bootstrap, Express.js
Databases & Tools: PostgreSQL, Git, GitHub, Docker, Azure, VS Code, WSL, JHipster, Vercel
Development Practices: CI/CD, Agile Methodologies, Test-Driven Development, Version Control

Experience

Obioma Specialist Hospital Medical File Clerk	Sept 2022 – Nov 2022 Awka, Nigeria
<ul style="list-style-type: none">Managed efficient retrieval and organization of patient medical records in high-volume healthcare environmentDigitized over 100 paper medical records using Microsoft Excel, improving data accessibility and storageMaintained accurate patient file indexes and resolved filing discrepancies while ensuring compliance	
British Spring College Head Boy (Student Leadership Role)	Oct 2021 – Aug 2022 Awka, Nigeria
<ul style="list-style-type: none">Led team of 21 prefects in collaborative school management and student welfare initiativesCoordinated and executed over 15 school activities and events, demonstrating project management skillsDelivered presentations and announcements to audiences of 600+ students at assemblies and school events	

Projects

Grocery Shopping App	github.com/Tee-UX19
<ul style="list-style-type: none">Developed shared grocery shopping application using React and Bootstrap frontend with Express.js backendImplemented RESTful API design and responsive user interface for cross-platform compatibilityUtilized GitHub Actions for automated CI/CD pipeline and deployment workflows	
Campus Events Web Application	github.com/Tee-UX19
<ul style="list-style-type: none">Collaborated with team to build event management platform using JHipster, Spring Boot, Angular, and PostgreSQLDeveloped user authentication system and event browsing functionality for university studentsDeployed application using Azure cloud services with Docker containerization	
Network Firewall Program	github.com/Tee-UX19
<ul style="list-style-type: none">Built firewall application in C using networking and multithreading librariesImplemented rule-based connection filtering system for IP addresses and port rangesApplied advanced systems programming concepts for network security applications	

Additional Information

Languages: English (Fluent), Igbo (Basic), Spanish (Learning)
Professional Development: Preparing for AWS Cloud Practitioner certification; self-directed learning on deep neural networks through Udemy
Achievements: Silver medallist in state-level Physics and Mathematics Olympiads; Top 3 graduating student