

Timothy-Joseph Godwin

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Education

University of Birmingham M.Eng Computer Science with Software Engineering	Sept 2023 – 2027 (Expected) <i>Birmingham, UK</i>
<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 <i>London, UK</i>
<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

Experience

Uptrail Data Analysis Intern/Trainee	July 2025 – Aug 2025 <i>Remote</i>
<ul style="list-style-type: none">Analyzed large datasets using Python, Pandas, and statistical analysis techniques to extract actionable business insightsDeveloped interactive data visualizations and dashboards using Tableau to present findings to stakeholdersImplemented machine learning models using Scikit-learn and PyTorch for predictive analytics and pattern recognitionCollaborated with cross-functional teams to identify data requirements and deliver comprehensive analytical reports	
Obioma Specialist Hospital Medical File Clerk	Sept 2022 – Nov 2022 <i>Awka, Nigeria</i>
<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	

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