Timothy-Joseph Godwin

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Education

University of Birmingham   Sept 2023 – 2027 (Expected)
M.Eng Computer Science with Software Engineering   *Birmingham, UK*
- **Culmulative GPA:** 3.9/4.25
- **Relevant Coursework:** Full Stack App Development, Object Oriented Programming, Data Structures & Algorithms, Software Engineering and Professional Practices, Functional Programming, Artificial Intelligence

Kaplan International College, London   Jan – June 2023
Foundation Certificate in Science and Engineering   *London, UK*
- **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   July 2025 – Aug 2025
Data Analysis Intern/Trainee   *Remote*
- Analyzed large datasets using Python, Pandas, and statistical analysis techniques to extract actionable business insights
- Developed interactive data visualizations and dashboards using Tableau to present findings to stakeholders
- Implemented machine learning models using Scikit-learn and PyTorch for predictive analytics and pattern recognition
- Collaborated with cross-functional teams to identify data requirements and deliver comprehensive analytical reports

Obioma Specialist Hospital   Sept 2022 – Nov 2022
Medical File Clerk   *Awka, Nigeria*
- Managed efficient retrieval and organization of patient medical records in high-volume healthcare environment
- Digitized over 100 paper medical records using Microsoft Excel, improving data accessibility and storage
- Maintained accurate patient file indexes and resolved filing discrepancies while ensuring compliance

Projects

Grocery Shopping App   github.com/Tee-UX19
- Developed shared grocery shopping application using React and Bootstrap frontend with Express.js backend
- Implemented RESTful API design and responsive user interface for cross-platform compatibility
- Utilized GitHub Actions for automated CI/CD pipeline and deployment workflows

Campus Events Web Application   github.com/Tee-UX19
- Collaborated with team to build event management platform using JHipster, Spring Boot, Angular, and PostgreSQL
- Developed user authentication system and event browsing functionality for university students
- Deployed application using Azure cloud services with Docker containerization

Network Firewall Program   github.com/Tee-UX19
- Built firewall application in C using networking and multithreading libraries
- Implemented rule-based connection filtering system for IP addresses and port ranges
- Applied 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