

# Timothy-Joseph Godwin

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## Education

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

## 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

<b>Uptrail</b> Data Analysis Intern/Trainee	July 2025 – Aug 2025 Remote
<ul style="list-style-type: none"><li>Analyzed large datasets using Python, Pandas, and statistical analysis techniques to extract actionable business insights</li><li>Developed interactive data visualizations and dashboards using Tableau to present findings to stakeholders</li><li>Implemented machine learning models using Scikit-learn and PyTorch for predictive analytics and pattern recognition</li><li>Collaborated with cross-functional teams to identify data requirements and deliver comprehensive analytical reports</li></ul>	
<b>Obioma Specialist Hospital</b> Medical File Clerk	Sept 2022 – Nov 2022 Awka, Nigeria
<ul style="list-style-type: none"><li>Managed efficient retrieval and organization of patient medical records in high-volume healthcare environment</li><li>Digitized over 100 paper medical records using Microsoft Excel, improving data accessibility and storage</li><li>Maintained accurate patient file indexes and resolved filing discrepancies while ensuring compliance</li></ul>	

## Projects

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

## 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