

TEMITAYO ADEROUNMU

Dallas, Texas

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Education

University of Texas at Arlington

GPA: 3.8/4.0

Bachelor of Science in Computer Engineering

- *Honors:* Dean's List, Merit-Based Presidential Scholarship recipient, Maverick Advantage Scholar recipient
- *Activities:* Member of Alpha Lambda Delta Society, UTA Volunteers, NSBE & SWE [2020-Present]

Minor in Computer Information Systems and Assurance, Minor in Mathematics

- *Relevant Courses:* Database Management, Information Systems Analysis & Design

Technical Skills

Languages: Python, SQL, R, VBA, C/C++, Java, JS, HTML/CSS, Dart, Verilog, ARM Assembly, TypeScript

Data & Analytics: Power BI, Tableau, Excel, Alteryx, Jupyter, SciPy, StatsModels, A/B Testing, KPI Tracking

Tools & Platforms: VS Code, SQL Server, AWS, MongoDB, Jira, ClickUp, GitHub, Microsoft Office, SAP, Figma

Embedded Systems: Code Composer Studio, Altera Quartus Prime, LTSpice, Matlab, Simulink, PCB Design, Vivado

Experience

UI/UX Engineer

November 2024 – Present

FinFinity

Arlington, TX

- Led the design of an AI-powered budgeting app, crafting end-to-end user flows and high-fidelity mockups in Figma
- Working cross-functionally with engineers to align interface design with specs, reducing feature rework cycles by **20%**
- Bridged design and engineering with self-taught **Flutter/Dart**, building onboarding, animation transitions, and responsive dashboards for Android/iOS

Data Scientist Intern

August 2023 – May 2024

State Farm

Dallas, TX

- Developed an automated scam detection system using Python (Pandas, NumPy, Seaborn), and API integrations
- Authored unit test cases and technical documentation, ensuring robust SDLC adherence

Undergraduate Research Assistant

January 2021 – April 2024

Hybrid Atelier

Dallas, TX

- Performed statistical analysis on large datasets using Python (SciPy, StatsModels) and R
- Led usability testing and A/B experiments, providing insights that drove optimization of HCI frameworks
- Delivered **50+** presentations on emerging technologies, simplifying complex technical data for diverse stakeholders

User Experience Design Specialist

February 2020 – November 2024

Olutunu

Dallas, TX

- Improved app user experience by **25%** through iterative interface design and close collaboration with developers
- Led early design system creation and content integration strategy, laying groundwork for long-term product scalability

Projects & Research

State Farm Automobile Fraud Detection | *Python, SQL, MongoDB, AWS, Git* | [ProjectLink](#)

May 2024

- Designed a fraud detection software integrating data scraping using Python (Selenium, BeautifulSoup)
- Automated reporting with 8+ GitHub Action, via AWS ECR, EventBridge, & Vercel, reducing manual tasks by 90%

Angle of Arrival Detection Device | *C, Embedded Systems, Hardware Design* | [ProjectLink](#)

December 2023

- Developed a low-power angle of arrival (AoA) detector with 3 mics, achieving 82% accuracy via cross-correlation
- Designed a command-line interface (CLI) for real-time system configuration and data logging

Pulse & Respiration Monitor | *C, ARM Cortex, Data Acquisition, Code Composer Studio* | [ProjectLink](#)

January 2023

- Developed a biometric monitor using a phototransistor and HX711 strain gauge for real-time tracking with 95% accuracy
- Integrated a shell interface for live data viewing and custom alerts via a PWM buzzer

Credential

- Simulink Certified

[Certificate Link](#)