

# TEMITAYO ADEROUNMU

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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*

## Experience

### Project Assistant

November 2024 – Present

*FinFinity*

*Arlington, TX*

- Collaborated in sprint planning, backlog grooming, and QA testing for 10+ feature releases using Jira
- Working cross-functionally with engineers to align interface design with specs, reducing feature rework cycles by 20%
- Built onboarding, animation transitions, and responsive dashboards for Android/iOS with self-taught Flutter/Dart

### 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
- Integrated data visualization tools and using ML models ((RF, SVM), boosting fraud prediction accuracy by 30%)
- Shared findings in team briefings and documentation, supporting leadership in refining digital claims processes

### Undergraduate Research Assistant

January 2021 – July 2023

*Hybrid Atelier*

*Dallas, TX*

- Translated research data on user interaction into clear insights for product and design decisions
- Helped run usability studies and A/B tests that increased prototype adoption by faculty teams
- Delivered 50+ reports on emerging technologies, simplifying complex technical data for diverse stakeholders

### UI/UX Design Associate

February 2020 – December 2021

*Olutunu*

*Remote*

- Supported redesign of mobile interfaces that improved navigation and reduced user friction
- 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) to reduce claim review workload and financial risk
- 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

**Secure FileXfer** | *Python, Network Security, Risk Analysis* | [ProjectLink](#)

July 2022

- Designed a secure cloud-based file transfer system using Python (Fernet encryption), reducing data breach risk by 40%

## Technical Skills

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

**Technical Tools:** Power BI, Tableau, VS Code, Jira, ClickUp, GitHub, Microsoft Office, Microsoft Projects, Figma

**Strengths:** Communication, Team Leadership, Cross-Functional Collaboration, Critical Thinking, Problem Solving

## Certifications

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Simulink Certified

[Certificate Link](#)

[Certificate Link](#)