

# Oluwadayo Bamgbelu

❖ ddmds66@gmail.com ❖ (832) – 757 – 7239 ❖ Katy, Texas ❖ [LinkedIN.com/in/Oluwadayo-Bamgbelu](https://www.linkedin.com/in/Oluwadayo-Bamgbelu)

## EDUCATION

- Texas A&M University – Computer Science 2023-2027  
*Minors in Mathematics and AI in Business*

## SKILLS

- Programming languages: Python, C++, Java, React, JavaScript, HTML, CSS, Hack(PHP), OCaml, Haskell.
- Tools and frameworks: Pandas, Linux, TensorFlow, AWS, SQL, GraphQL, Relay, Django, PyTorch.
- Relevant Coursework: Game Theory; Math Probability; Data Structures & Algorithms; Machine Learning

## WORK EXPERIENCE

### Meta | Software Engineering Intern | New York, NY May 2025 – Aug 2025

- Conducted in-depth analysis of 40+ Meta Ad partners utilizing data through built data pipelines to evaluate and predict partner-specific performance using signals, contributing to optimization strategies.
- Designed and built a dashboard to visualize insights, enabling clearer tracking of partner performance.

### Meta | Software Engineering Intern | Menlo Park, CA May 2024 – Aug 2024

- Designed and developed a new feature for the Facebook Web feed page using React Native and StyleX.
- Implemented Generative AI by leveraging Relay and GraphQL to generate AI-written statements per request.
- Collaborated with 4 directors to propose, design, test, and launch an official component on Facebook Web.

## PERSONAL PROGRAMMING PROJECTS

### Athena (Personalized Browser) Feb. 2025

- An intelligent browser that transforms tabs into a focus-driven workspace by leveraging semantic analysis (Word2Vec, Jaccard similarity), Electron.js, and AI relevance scoring to quantify productivity.

### Electronic Trading Bot Jan. 2025

- Utilized Python to make a bot to buy and sell bonds based on the fair market value price with a penny trading strategy aimed to optimize P/L.

### Food Recognition Jan 2024-May 2024

- Conducted research on image classification methodologies for food recognition by leveraging convolutional neural networks (CNNs) and fine-tuning ResNet-50 architecture on a diverse food dataset. 60% Accuracy.

## LEADERSHIP

### TAMU Datathon | President, Former Developer | College Station, TX Jan. 2024 - Present

- Leading a 40-person cross-functional team across development, logistics, design, outreach, and challenges to organize a 500+ attendee collegiate hackathon, fostering collaboration and high execution standards.
- Driving overall strategy, guide team leads and manage day-of operations to ensure seamless execution
- Built core features for the event platform, including applications, scheduling, check-in, and automated emailing.

### Nexform | Co-Founder/CTO | Katy, TX | 1000+ Users Dec 2024 - Present

- Developed an AI-powered form generator that creates forms/surveys from a prompt, generating sharable short links and QR codes along with response analytics, streamlining signups and feedback in a clean interface.

## EXTRACURRICULARS

### Conducting Research under James Caverlee (TAMU) Aug. 2025 - Present

- Conducting efficiency and fairness/bias research on machine learning recommender systems.

### Jane Street InFocus Jan. 2025

- Learned valuable experience developing in OCaml, along with formulating trading strategies for an electronic trading bot in a simulated market and game theory scenarios.

### ColorStack Member Aug. 2024 - Present

### AI4ALL Ignite Scholar Jan. 2024- July 2024

### Google Code Next \$150,000 Scholarship Recipient and Engineer Aug. 2021 – Jun. 2022; May 2023

### 4X Hackathon Winner (HackUTD, Hacklahoma, TAMUHack, TidalHack)