

Eyimofe Oladipo

(947)-800-6422 | oladipoeyimofe@gmail.com | Detroit, MI

[linkedin.com/in/eyimofeoladipo](https://www.linkedin.com/in/eyimofeoladipo) | github.com/mofegpt | medium.com/@oladipoeyimofe | oladipoeyimofe.wixsite.com/home

Recent Computer Science graduate with hands-on experience in full-stack development, AI/ML applications, and mobile app engineering. Skilled in Agile development, REST APIs, and AWS cloud tools.

Technical Skills:

- Languages: Python, JavaScript, Swift, Go, C++ | ML/AI: scikit-learn, Pandas, PyTorch, HuggingFace, LangChain, AWS SageMaker | Web/Mobile: Node.js, SwiftUI, Firebase, RESTful APIs, MongoDB, MySQL, SQLite | Tools: Docker, AWS (S3, EC2), GitHub, JSON, Postman, Insomnia | Design: Figma, Unity, Photoshop, Sketch

Education:

- **University of Detroit Mercy - GPA: 3.85 - Detroit, MI** *September 2021 – May 2025*
 - Bachelor's in Computer Science, alongside being a member of the Tau Beta Pi Honors Society
 - **Relevant Coursework:** Artificial Intelligence, Linear Algebra, Operating Systems, Data Mining, Computer Networking, Software Project Management, Hardware and Software Integration, Database Systems, Data Structures
- **Apple Developer Academy - Detroit, MI** *October 2021 – June 2022*
 - Collaborated on iOS app development projects, addressing real-world problems in team settings. Awarded best idea and presented to Lisa Jackson, Apple VP of Environment & Policy.
- **Google CSSI - Detroit, MI** *July 2019 – July 2019*
 - Three weeks of developing skills using Google Cloud SDK, Python, HTML, and CSS. Followed by the development of a final project depending on those skills.

Technical Experience:

- **SynfoxAI - Software Engineer - Detroit, MI** *May 2025 - Present*
 - Engineered an automation pipeline using RESTful APIs to ingest Zoom meeting recordings, transcribe audio, extract key decisions and tasks via NLP, and generate structured notes in a shared workspace; reduced manual documentation time by 60% and improved cross-team follow-up efficiency.
- **Reply (Concept Reply US) - Data Scientist - Bloomfield Hills, MI** *May 2024 - August 2024*
 - Designed and implemented time-to-event prediction models using Random Survival Forests and Cox Proportional Hazards, applying survival analysis techniques to large-scale datasets; also developed computer vision models using Convolutional Neural Networks (CNNs) for high-accuracy object classification in real-world environments. Also built an NLP chatbot using Retrieval-Augmented Generation (RAG) with AWS Bedrock, showcased at AutoTech: Detroit 2024.
- **Modern Software Junior Developer - Detroit, MI** *March 2020 - Present*
 - Built backend features for an OEE monitoring platform using Go; optimized machine data logging processes, improving query response times by 20%. Collaborated in Agile team sprints.

Projects:

- **Flourish** – Developed an iOS app that applies Retrieval-Augmented Generation (RAG) and NLP models to translate vague health symptoms into clinically actionable language, improving doctor-patient communication, and achieved 85% accuracy in clinical term mapping during prototype evaluation.
- **Movie Recommender** – Implemented a Collaborative Filtering algorithm using cosine similarity to measure overlap in user preferences and generate personalized movie recommendations, achieving 92% accuracy on a validation set.
- **Exposé** – Developed an iOS app using Swift/SwiftUI, CoreML, and MapKit that applies on-device object detection to analyze user photos, identify items of interest, and recommend nearby locations where users can recreate similar experiences
- **Nudge** – Engineered a proximity-based social networking app that leverages device geolocation to initiate real-time interactions and promote in-person conversations between nearby users.
- **Vehicle Analytics** – Developed a web-based logging system for real-time capture and analysis of CAN bus data via OBD-II, applying knowledge of CAN protocol and low-level networking to parse and interpret vehicle telemetry.

Volunteering and Leadership Experience:

- **JOURNI - Detroit, MI** *July 2023 - August 2023*
 - Instructed teenagers in fundamental UI/UX design principles using Keynote and Canva, and guided them in developing fully functional iOS applications with Swift and SwiftUI.
- **Girl Scouts of Southeastern Michigan - Detroit, MI** *November 2022 - December 2022*
 - Led an instructional program for girls in Girl Scouts, imparting the knowledge and skills required to develop apps using the Thunkable software.