

OUSMAN BAH

📞 218-213-7996 ✉️ obah002@fiu.edu 🌐 ousman-bah 📄 ousmanbah10 📁 Portfolio: Ousman Bah

Education

Florida International University GPA 4.0

Aug 2023 – May 2027

Bachelor of Science in Computer Science, Minor Business

Miami, FL

Google Tech Exchange Program

Jan 2025 – May 2025

Tech Fellow

Remote

Google-led program on software engineering and AI, covering generative AI, algorithms, system design, and cloud scalability.

Technical Skills & Coursework

Languages: Python, JavaScript, HTML/CSS, Java, C, SQL, Dart, Shell, JSON

Developer Tools: Google Cloud Platform, Docker, Git, GitHub, Postman, Android Studio, Xcode, VS Code, Auth0

Technologies / Frameworks: MEAN Stack (MongoDB, Express.js, Node.js), Django, React, Streamlit, Flutter, FastAPI, PyTorch, Numpy, TensorFlow, LangChain, OpenAI API, scikit-learn, Pandas, Qdrant

Relevant Coursework: Data Structures & Algorithms, Operating Systems, System Design, Software Engineering, Computer Architecture, Machine Learning, AI Foundations (Cornell), Web Development, Databases, Discrete Math

Experience

Break Through Tech AI Fellow – Cornell Tech Break Through Tech Miami

May 2025 - Present

AI Fellow

Miami, FL

- Selected from over 1,000 applicants for a competitive summer-long AI fellowship led by **Cornell Tech** in partnership with Break Through Tech.
- Completed 100+ hours of training in supervised learning, responsible AI, and ML pipelines using Python and scikit-learn; applied techniques to real-world datasets with mentorship from **Cornell** faculty and industry engineers.

Software Engineering Sprintern – FIU PantherSoft

May 2025 – June 2025

Sprintern

Miami, FL

- Developed a parking recommendation app using Flutter and GeoLocator to suggest garages based on class schedules.
- Built a location-based scoring system to optimize routing; improved navigation efficiency by 35%.
- Designed for use by FIU's 50,000+ students; piloted by 20+ students during testing phase.

Projects

Severus AI – AI Interview Prep Platform | *Python, FastAPI, LangChain, OpenAI, Google Cloud*

July 2025

- Built a full-stack AI mock interview platform used by 50+ FIU students with real-time feedback and coding challenges.
- Designed LangChain agent flows simulating interviewers with 95% accuracy in multi-turn logic.
- Deployed on GCP with 200ms response time and 99.9% uptime across all devices.

Fitness Challenge Tracker App | *Streamlit, Python, Auth0, Google BigQuery*

April 2025

- Created a fitness web app with challenges, progress tracking, and real-time leaderboards; Auth0 enabled secure login.
- Logged 100+ activity entries during closed beta testing by Tech Exchange cohort members.
- Added milestone-sharing social feed, increasing engagement by 30%.

Eat Bites – Food Delivery Platform | *Flutter, Claude API, Google Maps API, PostgreSQL*

Sept 2024 – Jan 2025

- Co-developed a DoorDash-style food delivery app with real-time tracking for customers, drivers, and restaurants.
- Launching in The Gambia with 50+ local restaurants, targeting 2,000+ customers in the first 3 months.

Leadership & Extracurricular Activities

- Volunteer:
 - FIFA Club World Cup – Event Support
 - Break Through Tech – AI Cohort Member, Campus Event volunteer
- FIU Competitive Programming Team:
 - ICPC USA Regional Competitor (2x), Weekly Mentor (Algorithms/DS)
- INIT FIU:
 - Workshops on Innovation, Product Design, Hackathons