Ousman Bah

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Education

Florida International University | GPA: 3.94	**Aug 2023 – May 2027**
Bachelor of Science in Computer Science, Minor in 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, Docker, Git/GitHub, Postman, Android Studio, Xcode, VS Code, Auth0
Frameworks: MEAN Stack, Django, React, Streamlit, Flutter, FastAPI, PyTorch, NumPy, TensorFlow, LangChain, OpenAI API, scikit-learn, Pandas, Qdrant
Coursework: Data Structures & Algorithms, Operating Systems, System Design, Software Engineering, Computer Architecture, Machine Learning, AI Foundations (Cornell), Web Development, Databases, Discrete Math

Experience

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 FIU's 50,000+ students; piloted by 20+ students during testing.

Break Through Tech AI Fellow – Cornell Tech & Break Through Tech Miami	**May 2025 – Present**
AI Fellow	*Miami, FL*

- Selected from 1,000+ applicants for a competitive AI fellowship led by **Cornell Tech**.
- Completed 100+ hours of training in supervised learning, responsible AI, and ML pipelines; applied techniques to real-world datasets with mentorship from **Cornell** faculty and engineers.

STARS FIU – Student Teaching Assistant	**Sept 2025 – Present**
Programming 1, Programming 2, and Data Structures (Python)	*Miami, FL*

- Teach and tutor dozens of students weekly in Data Structures and Python programming.
- Guide students through algorithmic problems (arrays, recursion, dynamic programming, graphs), improving problem-solving skills for exams and technical interviews.

Projects

Severus AI – AI Interview Prep Platform | *Python, FastAPI, LangChain, OpenAI, GCP*	July 2025

- Built a full-stack AI interview platform for 50+ FIU students with real-time coding feedback.
- Deployed on GCP with 200ms latency and 99.9% uptime.

Fitness Challenge Tracker App | *Streamlit, Python, Auth0, BigQuery*	April 2025

- Created a fitness app with progress tracking, leaderboards, and Auth0-secured login.
- Logged 100+ activities during closed beta; added social feed boosting engagement by 30%.

Eat Bites – Food Delivery Platform | *Flutter, Claude API, Google Maps API, PostgreSQL*	Sept 2024 – Jan

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

Leadership & Extracurricular Activities

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