ANAYA YORKE

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EDUCATION

Georgia Gwinnett College Expected May 2027

B.S. Information Technology – Software Development | Minor: Mathematics

Relevant Coursework: Artificial Intelligence, Cloud Computing, Algorithms, Databases, Software Testing/QA

TECHNICAL SKILLS

Languages: Python, Java, TypeScript, SQL, C#
Backend & APIs: Java Spring Boot, Flask, FastAPI, REST APIs, OAuth 2.0
Mobile & Cloud: AWS, Google Cloud, Docker, Firebase, Supabase
AI/ML: PyTorch, Hugging Face, LLM integration, classification models, data pipelines
Tools: Git, GitHub Actions, JIRA, Postman, Figma, Streamlit

EXPERIENCE

Software Engineering Intern | Thinksuite (B2B SaaS) Apr 2025 – Sep 2025

- Architected multi-tenant backend with row-level security policies across 12+ database tables
- Built revenue analytics module using complex SQL queries for financial data modeling
- Collaborated cross-functionally with product, design, and engineering in agile environment
- Integrated OAuth providers (Google, Microsoft) for enterprise SSO authentication
- Participated in code reviews and sprint planning; worked with distributed remote team

PROJECTS

Autograder [GitHub] | Ongoing Class Project

- Building API integration layer connecting Gradescope with D2L LMS for automated evaluation
- Implementing token-based authentication and real-time data processing pipeline; team of 3

CogniGuard [GitHub] | ML Classification Platform

- Built CNN-LSTM neural network in PyTorch for time-series classification (75% accuracy)
- Designed low-latency data pipeline with Snowflake backend; built Streamlit dashboard for visualization

HablaGrizzly [GitHub] | Winner, GGC Hackathon 2025

- Built data ingestion pipeline and ML classification model using Hugging Face
- Deployed to Google Cloud with Vision API integration; Next.js/TypeScript frontend

Dispatch [GitHub] | 1st Place, GT Hacks 2025

- Engineered real-time data pipeline processing sensor data for low-latency applications
- Built hardware integration layer in C++; cross-functional team of 4

LYRA [GitHub] | Privacy-Preserving ML Infrastructure

- Built federated learning SDK with differential privacy for secure distributed model training
- Developed Flask API server with Docker containerization; created monitoring dashboard

AWARDS & LEADERSHIP

1st Place GT Hacks 2025 | **Winner** GGC Hackathon 2025 | **1st Place** Optiv Cybersecurity Hackathon 2022

Grace Hopper Award 2023 | **GDC PIXL Scholarship 2026** | **WIT Campus Scholarship Finalist 2023**

Chapter Founder | SWE GGC | **Head of Partnerships** | PIXL | **Student Clubs Manager** | NeuroTechX

Executive Board | H*Quotient | **Exact Scholars Program**

TAP Program: Led 8 technical workshops; presented at K-12 expo reaching underrepresented students