ANAYA YORKE

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EDUCATION

Georgia Gwinnett College Expected May 2027
B.S. Information Technology – Software Development | Minor: Mathematics
Relevant Coursework: Advanced Data Analysis, Data Fundamentals, Software Testing/QA, Databases, Algorithms

TECHNICAL SKILLS

Languages: Python, SQL, Java, TypeScript, C#
Data & Analysis: Pandas, NumPy, Seaborn, scikit-learn, K-means, KNN, PCA, Google Colab/Jupyter
Testing & QA: Jest, Supertest, API testing, version control, documentation review
Tools: Git, GitHub, JIRA, Figma, Supabase

EXPERIENCE

Instructional Video Creator | Georgia Gwinnett College – Anatomy & Physiology Lab Jan 2026 – May 2026
- Creating instructional videos following detailed lab scripts; ensuring accuracy of medical terminology
- Performing quality review of lab materials and storyboards for completeness and compliance with procedures
- Coordinating with faculty and actors to ensure content aligns with scientific standards

Founding Software Engineering Intern | Thinksuite (B2B SaaS Startup) May 2025 – Sep 2025
- Built AI-powered revenue forecasting module integrating machine learning models for financial predictions
- Tested features before deployment; wrote test cases and debugged issues through code review process
- Designed multi-tenant database architecture in Supabase; wrote SQL to establish table relationships
- Participated in weekly check-ins and code reviews; collaborated via Slack and GitHub in team of 3

PROJECTS

Transaction Pattern Analysis [GitHub] | Advanced Data Analysis
- Analyzed sales patterns using Python, NumPy, Pandas, Seaborn, and scikit-learn in Google Colab
- Applied K-means clustering, KNN, PCA, correlation matrices, and multivariate analysis on Kaggle dataset
- Presented findings at GGC STARS research event; identified peak sales times and pricing insights

Autograder [GitHub] | QA Lead & Documentation Lead
- Leading QA efforts: writing and executing tests using Jest and Supertest for frontend and backend APIs
- Managing project documentation including technical specs, process guides, and version control
- Building API integration connecting Gradescope with D2L LMS; managing sprints in JIRA; team of 2

CogniGuard [GitHub] | ML Classification Platform
- Built CNN-LSTM neural network in PyTorch for time-series data classification (75% accuracy)
- Designed data pipeline for cleaning and processing session data for model training
- Integrated Snowflake backend for data storage and longitudinal trend analysis

SSVEP BCI Classification [GitHub] | IEEE Brain Hackathon 2025
- Analyzed 8-channel EEG data at 256Hz using Python and Jupyter Notebook for signal classification
- Applied data preprocessing, feature extraction, and machine learning classification techniques
- Collaborated in cross-functional team; presented findings on brain-computer interface patterns

AWARDS

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

COMMUNITY & LEADERSHIP

Founding Member & Head of Partnerships, PIXL | **Chapter Founder,** SWE GGC
Student Clubs Manager, NeuroTechX | **Executive Board,** H*Quotient | **Exact Scholars Program**
TAP Program: Built Unity/C# educational game; led UI/UX design; presented at K-12 expo for underrepresented students