

ANDREW FITTON

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing
Master of Science in Computer Science (Artificial Intelligence)

Atlanta, GA

January 2025 – May 2026

- GPA: 4.0

Bachelor of Science in Computer Science (Info Internetworks and Intelligence)

August 2020 - May 2024

- GPA: 3.75

SKILLS

Languages: Python, JavaScript, Swift, Java, HTML, CSS, TypeScript, SQL, C/C++, Go, Rust

Tools: Git, Docker, Databricks, Jira, JUnit, Tableau, Numpy, React, React Native, Angular, Bootstrap, Firebase, Linux, Apache, Google Cloud, Azure DevOps, AWS S3, RabbitMQ, Piral

EXPERIENCE

S&P GLOBAL

New York, NY

Software Developer Intern

June 2025 – September 2025

- Delivered an MVP React Native mobile app for office services (service tickets, desk booking, parking, etc.); rolled out to 100+ pilot users with potential adoption by 40,000 global employees, reducing in-office request turnaround times up to 50%
- Implemented mobile app features such as Microsoft Authenticator MFA via MSAL, in-app AI assistance, and automated ServiceNow ticketing, providing users with secure login, guided support, and faster service resolution
- Built an Azure DevOps CI/CD pipeline with senior engineers and security teams to accelerate feature delivery to staging environments
- Engineered and deployed a React-based web dashboard integrated with Tanium to run automated server health checks, enabling internal teams to monitor security and availability across 50,000+ devices
- Modernized a large-scale application by converting it into a micro frontend architecture using Piral, improving code scalability, optimizing app performance, and enabling independent deployments

MANHATTAN ASSOCIATES

Atlanta, GA

Software Integration Consultant

June 2024 – June 2025

- Drove integration projects with Manhattan clients by facilitating design discussions and engineering scalable data pipelines, generating over \$400K in annual revenue through timely delivery and technical expertise
- Spearheaded the development lifecycle by collaborating with product managers and client functional teams to scope, develop, and deploy 2–3 client-facing features weekly to staging and production environments
- Implemented 30+ custom Java flows to transform and enrich data from XML, JSON, and CSV files—performing aggregations, field mappings, and computations to generate structured API responses for Manhattan supply chain products across 5+ clients
- Configured 50+ Java routing services to optimize the exchange of millions of data files between Manhattan APIs and client endpoints (Databases, SFTP ports, Google Cloud, and REST APIs)
- Developed Python scripts to automate the generation of test cases and sample data, reducing testing time by over 50%
- Streamlined Oracle database operations by writing SQL scripts to query and update configurations on messages, cross-references, and Google Cloud endpoints - reducing manual errors and cutting configuration time by over 30%

NIKE

Beaverton, OR

Software Engineer Intern

June 2023 - August 2023

- Engineered and scheduled PySpark scripts in Databricks to clean 3,000+ daily data entries from deletion workflows on expiring Nike online accounts, establishing a centralized tracking table for improved data visibility
- Integrated Delta tables from an Amazon S3 data lake into a custom Tableau dashboard, delivering actionable insights into Nike's data costs and compliance with data governance policies over time
- Designed and built a dashboard that streamlines the process for data governance engineers to analyze the performance of scheduled Airflow DAGs, reducing the search time to identify failed DAGs by over 50%

PROJECTS

Peace for Moms Mobile Application

JavaScript, React Native, Figma, HTML/CSS, Firebase

- Developed a mobile application with an Agile team of six developers for Peace for Moms, an organization that assists nurses and front line doctors in Georgia to diagnose and support mothers facing postpartum depression
- Integrated Google Firestore with the React Native client to manage user profiles and data for 3,000+ potential users

LEADERSHIP

CHAPTER PRESIDENT - Sigma Phi Epsilon Georgia Alpha

November 2022 – November 2023

- Spearheaded a new pipeline project involving the executive board to reduce past due invoices by \$30,000+, improve chapter GPA by 0.5 points to above campus average, and establish new alumni events to elevate chapter standing as a whole
- Collaborated across a six member alumni board, eight member executive board, and a 100+ member chapter to set and achieve collective goals across our organization, winning a 2023 Buchanan Cup for being an outstanding chapter
- Directed the recruitment of 36 new members and facilitated the selection process for a \$2,500 scholarship with over 100 applicants