

Nikita George

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelor of Science, Computational Media (CS and Design) **GPA: 3.6/4.0**
Online Master of Science in Computer Science **GPA: 4.0/4.0**

Atlanta, Georgia

Graduation Date: 05/2024

Graduation Date: 12/2026

EXPERIENCE

SAGE

Atlanta, Georgia

Software Engineer (Tax Team)

01/2025 - Current

- Built the DATEV accounting integration to automate financial data transfers, **allowing Sage Intacct to enter into the German market of estimated £536M**, implementing a secure OAuth2 PKCE-based workflow to automate financial file transfers for all German customers.
- Created an **AI-powered** renewals engine to aggregate subscription and usage data, utilizing predictive modeling to help business teams identify expansion opportunities and drive a 12% increase in long-term account value.
- Collaborated on moving legacy **SOAP/XML** services to **RESTful** microservices and transitioning the UI to **Next.js** and **React**, achieving a ~30% improvement in front-end load times.
- Updated **PostgreSQL** schema migrations and refactored backend query logic for core financial datasets to maintain system stability and reducing average API response times by 20% for enterprise reporting.
- Integrated external tax engines like Avalara and Sovos into core workflows, mapping complex Use Tax scenarios to external APIs to automate compliance across global markets.
- Analyzed recurring production incidents to identify and fix systemic flaws in tax-logic handlers, reducing the need for manual overrides in customer workflows.

THE HOME DEPOT

Atlanta, Georgia

Software Engineering Intern

08/2024 - 12/2024

- Developed an optimization Python algorithm to reduce carpet waste and unnecessary costs through carpet installation quotes by automating seam placement to improve quote accuracy, reduce over-estimation and **increasing carpet sales profits by roughly 40%**.
- Built out the logic to account for complex room dimensions and material constraints, replacing manual estimations with a more reliable, data-driven approach.

AUSTIN SPEECH LABS

Austin, Texas

Software Engineering Intern

07/2024 - 12/2024

- Enhanced a cross-platform Flutter iOS/Android app by shipping new therapy exercises and usability improvements, **supporting 100+ patients**.
- Integrated Firebase Analytics to track anonymized user engagement, identifying therapy tasks and delivering data insights to clinicians that informed treatment adjustments, contributing to **25% higher exercise completion rates and improved therapy effectiveness across modules**.

GEORGIA TECH RESEARCH INSTITUTE

Atlanta, Georgia

Software Engineering Intern

05/2023 - 03/2024

- Built an internal iOS newsfeed and social platform with **SwiftUI**, providing a centralized place for real-time messaging and discussions.
- Designed a secure backend using **FastAPI** with **OAuth2** authentication and role-based access to ensure sensitive internal data was only accessible to authorized personnel.
- Improved platform responsiveness by implementing asynchronous push notifications and optimizing database indexing, which helped drive a 35% increase in active employee engagement.

THE HOME DEPOT

Atlanta, Georgia

UX Design Intern (Merchandise Execution Team)

05/2023 - 07/2023

- Conducted field research and interviewed over 50 store associates to identify pain points in the BOLT mobile app's daily workflow.
- Created interactive prototypes based on in-store observations to make bay organization and task execution smoother for the associates.
- Helped reduce average task completion time by 25%, saving associates roughly 5 minutes per task and making store operations more flexible.

UX Design Intern (Finance Team)

05/2022 - 07/2022

- Applied UX research and stakeholder interviews to identify material risks and usability gaps in financial reporting for SEC-filed 10-K and 10-Q disclosures, then redesigned the experience into an interactive Tableau report, **reducing load time by 50% and analyst completion time by 30%**.

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

Teaching Assistant

01/2021 - 05/2024

- Mentored 100+ students in Python fundamentals and debugging patterns for the introductory CS curriculum.

SKILLS

- **Languages & Frameworks:** Python, Java, Go, TypeScript/JS, C#, PHP, C/C++, PostgreSQL, React, Next.js, Vue.js, D3.js.
- **Cloud & DevOps:** AWS, Docker, Vercel, Git/GitHub, Datadog, Bruno, Postman, Agile/Jira.
- **Architecture & APIs:** OAuth2/PKCE, REST/OpenAPI, Redis, Jest
- **Design:** Figma, Axure, CSS, Adobe Creative Suite, Storybook, Unity, Unreal, Blender, Maya, ARKit/Aframe.