

Nikita George

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelor of Science, Computational Media (Highest Honors) **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

Software Engineer (Tax Team)

Atlanta, Georgia
01/2025 - Current

- Architected and delivered an end-to-end DATEV(Germany's standard accounting software) integration for the German market, combining an OAuth2 PKCE-based API workflow for automatic file transfer that **eliminates 90% of manual work** for customers and allows Sage to **expand into a multi-billion-euro German accounting and tax software market**.
- Built an AI-driven renewals feature that aggregates subscription and user-level usage data, highlights under and over-used products, and recommends what to renew, helping customers right-size subscriptions and **driving informed renewals that increase long-term account value**.
- Led the migration from legacy APIs to RESTful services, simplifying integrations and **cutting partner onboarding time by 35%** through cleaner contracts and better error handling.
- Modernized a legacy UI into Next Generation architecture, component-based frontend, improving load times and creating a **more consistent experience for accounting users across complex data workflows with 30% faster load time** and more customizations.
- Developed and maintained microservice-style backend components with SQL database design and schema migrations, focusing on reliability, debuggability, and smooth rollouts across environments.
- Reduced client downtime by 20% and improved retention by 15%** by leading escalations, troubleshooting critical API and database issues.

THE HOME DEPOT

Software Engineering Intern

Atlanta, Georgia
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, enabling sales teams to reduce over-estimation and **increasing carpet sales profits by 40%**.

AUSTIN SPEECH LABS

Software Engineering Intern

Austin, Texas
07/2024 - 12/2024

- Enhanced a cross-platform Flutter iOS/Android app by shipping new therapy exercises and usability improvements, **supporting 100+ patients**.
- Integrated **Firestore 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

Software Engineering Intern

Atlanta, Georgia
05/2023 - 03/2024

- Developed an iOS newsfeed app using React and FastAPI enabling employees to create posts, comment, message, and join discussion forums.
- Implemented secure API routing, push notifications, and a role-based content system and **improved internal engagement by 35%** after launch.

CXR AGENCY

Immersive Development Intern

Brooklyn, New York
05/2023 - 08/2023

- Developed an immersive VR workspace for the Government of Sharjah (Department of eGovernment) to support remote collaboration and productivity, contributing to a **20% reduction in project delivery time** and a **15% increase in employee satisfaction**.
- Led end-to-end 3D environment creation, designing spatial mockups in Photoshop and building assets using Blender and Maya.

THE HOME DEPOT

UX Design Intern (Merchandise Execution Team)

Atlanta, Georgia
01/2023 - 05/2023

- Led UX research with 50+ store associates** to identify workflow friction in the BOLT (Home Depot's internal associate app)mobile app, uncovering inefficiencies in task execution and bay organization across high-traffic retail environments.
- Drove a 25% reduction in task completion time** by synthesizing in-store observations, associate interviews, empathy mapping, and journey mapping into actionable prototypes.

UX Design Intern (Finance Team)

05/2022 - 07/2022

- Applied UX Research interviews to find risks and issues with a financial report for the 10K and 10Q reported to Wall Street
- Employed an interactive Tableau report **reducing load time by 50%** and **completion time by 30%** through UX research interviews identifying issues in existing reports

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

Teaching Assistant

Atlanta, Georgia
01/2021 - 05/2024

- Taught Python programming to undergraduate students through **100+ tutoring sessions**, debugging student code and supporting learning across introductory CS curriculum and assessed programming assignments and provided guidance on problem-solving, code structure, and debugging patterns.

SKILLS

Programming: PHP, Java, Vue.js, Golang, HTML, JavaScript, Swift, C, C++, C #, ReactJS, AngularJS, Python, D3.js, Unity, Unreal, Aframe, ARKit

Design: Axure, Figma, CSS, Adobe Creative Suite, Blender, Maya

Concepts: AI-assisted programming, Object Oriented Programming, Data Structures and Algorithms, , Data Visualizations, Web Development, App Development, Mixed Reality, UX Design, UX Research, Augmented Reality, Virtual Reality, Wire-framing, Prototyping, Inclusive and Accessible Design, Data Analysis, Game Design, Linear Algebra, Graphic Design, Agile Methodology, Computer Graphics and Animation