

# Ifiok Zachary Inyang

Atlanta, Georgia

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## EDUCATION

**Georgia State University**

Expected Graduation: December 2027

*Bachelor of Science in Computer Science*

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## TECHNICAL SKILLS

- **Programming Languages:** Python, Swift, Java, C, C++, JavaScript, TypeScript, HTML, CSS, SQL
- **Frameworks/Libraries:** SwiftUI, React Native, Streamlit, React, Node.js, Express, Flask, ReplayKit, HaishinKit, StoreKit 2
- **Tools & Platforms:** Git, Xcode, OpenAI API, Anthropic Claude API, Stripe, MongoDB, Firebase, Replit, Netlify, ReportLab
- **APIs & Data:** REST APIs, GraphQL, Dexscreener API, Ellucian Banner API, RateMyProfessors API, Push Notifications
- **Operating Systems:** macOS, Windows, Linux

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## RELEVANT WORK EXPERIENCE

**Tire Spot Solutions** · [tirespotsolutions.com](https://tirespotsolutions.com) · [App Store](#)

December 2024 – July 2025

*Software Engineer Intern*

- Built and shipped a native iOS app (SwiftUI) to the App Store as the sole engineer, adding in-app tire ordering and roadside-assistance scheduling, two revenue channels the client could not offer before.
- Grew the app to 300+ users and 100+ orders in the first months post-launch while holding a perfect 5.0-star App Store rating across all reviews.
- Built a Cloudflare Workers backend integrating the Stripe API with secret keys held server-side, plus Firebase Authentication and Firestore for customer login and account data.

**ICOM Technologies**

Summers 2021 & 2022

*Computer Solutions Intern*

Springfield, VA

- Resolved client IT and help-desk requests through a ticketing system, prioritizing and closing issues to keep customers unblocked and satisfied.

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## PROJECTS

**GSU Course Planner**

[prereqpilot.dev](https://prereqpilot.dev)

- Built a multi-university web app (Georgia State and Georgia Tech) that parses uploaded DegreeWorks PDFs and resolves course eligibility through a recursive prerequisite engine handling nested AND/OR logic and minimum-grade thresholds.
- Integrated the Anthropic Claude API to recommend balanced schedules tailored to student goals, course load, and workload preferences, with JSON-structured output parsing.
- Pulls live section data from the Ellucian Banner REST API and ranks professors via the RateMyProfessors GraphQL API (disk-backed cache to cut repeat lookups); exports schedules as PDF, calendar (.ics), or text. Built with Python, Streamlit, PyPDF2, and ReportLab.

**TeslaStream**

[teslcast.com](https://teslcast.com)

- Co-developed a native iOS app (SwiftUI) that mirrors an iPhone's screen to a Tesla's in-car browser over WiFi using ReplayKit and HaishinKit, with a StoreKit 2 paywall.

**Nudge (AI iMessage assistant)**

[nudgebuddy.net](https://nudgebuddy.net)

- Built a full-stack AI assistant over iMessage where an Anthropic Claude agent (agentic tool-use loop) parses texted assignments, confirms due dates, and schedules reminders; architected a distributed system with a serverless Next.js app and a persistent worker sharing a Redis/BullMQ job queue and a cloud Postgres database. Built with Next.js, TypeScript, PostgreSQL, Redis, and Prisma.
- Extended the agent with SeatSnipe, a course-seat monitor: a watcher polls GSU's Banner registration API (session-cookie handshake, tiered polling, circuit breaker), diffs seat states, and texts students the instant a seat opens, with idempotent alerts and rate guards.

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## RELEVANT COURSEWORK

Data Structures, Algorithms, Web Programming, Software Development, Systems Programming, Discrete Math, Data Science 1

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## CAMPUS INVOLVEMENT

- Member: NSBE, Google Developer Groups (GDG) at GSU, ColorStack