

Sloan Finger

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SUMMARY

Computer Science senior at UGA (Theoretical Computer Science emphasis), graduating **Spring 2027** and seeking new-grad software engineering roles. President of DevDogs: authored 65% of its TypeScript monorepo and single-handedly built the Next.js platform behind most club events - Postgres with Row-Level Security, Cloudflare Workers, an OAuth server, and a hardened CI/CD pipeline.

COMPETENCIES

Full-Stack TypeScript

CI/CD & Supply-Chain Hardening

PostgreSQL & Row-Level Security

Cloudflare Workers & Edge Deploy

EXPERIENCE

DevDogs - Google Developer Group on Campus at UGA (github.com/DevDogsUGA)

May 2025 - Present

President (prev. Vice President; Technical Chair) · Athens, GA

- Oversee the board's transition to a club open to engineers at any level: I plan the **weekly per-project workshops**, each announcing the next roadmap feature and opening a **week-long team competition**
- Authored **602 of the DevDogs monorepo's 923 commits (65%)** - roughly **5.4x the next contributor** - across a pnpm and Turborepo TypeScript workspace of four applications and eight shared packages
- Designed, built, and deployed the **DevDogs Platform** effectively single-handedly: the Next.js application behind most club events, doubling as the club's console, documentation site, and OAuth server
- Gave the platform an **RPC API surface** so the three apps sharing its Supabase Postgres database use its features without touching its tables: one foreign key column makes an app's rows moderatable under **Row-Level Security**
- Deploy to **Cloudflare Workers** via OpenNext with Hyperdrive connection pooling and separate staging and production environments; built an OAuth server plus Discord and GitHub App integrations
- Designed the CI/CD pipeline around a **strict credential boundary** - GitHub runs a pull request's own workflow definition, so the validation workflow holds no secrets and anything needing a credential runs only after the merge gate
- Built the `pnpm devtools` contributor CLI covering environment setup, the local database stack, and the deploy steps CI runs; recruit, onboard, and mentor contributors and teach workshops on the stack
- Set the technical direction that consolidated DevDogs' projects into one monorepo, folding in the **Optimal Schedule Builder** (62 contributors) and retiring the Community Resource Forum (78 forks, 40+ contributors), whose CI/CD and Docker Compose setup I designed

Pig-N-Chik BBQ | Cook's Radon

August 2021 - Present

Freelance Web Developer · Atlanta and Alpharetta, GA

- Designed and continue to maintain full-stack websites for both clients in React, Next.js, and Tailwind CSS
- Improved performance, accessibility, and SEO for Pig-N-Chik, contributing to a **2.5x traffic increase in year one** and **5x over three years**; built estimate requests and appointment scheduling for Cook's Radon

ACM (Association for Computing Machinery), UGA Chapter

August 2026 - Present

Vice President · Athens, GA

- Coordinate with the chapter President and Sponsorship Director to host workshops and company recruiting events, and lead club development including securing funding
- Oversee logistics for the chapter's ICPC (International Collegiate Programming Contest) and CSIP interview-prep programs

UGAHacks

June 2026 - Present

Organizer, Tech Team · Athens, GA

- Contribute frontend and deployment infrastructure to the Firebase- and Firestore-backed registration platform and website used across all UGAHacks events, supporting a fall CADathon and UGA's flagship spring hackathon

University Housing, University of Georgia

August 2026 - Present

Desk Assistant · Athens, GA

- Staff the residence hall front desk: resident check-in and identification, building access and guest sign-in policy, package handling, and first-response incident reporting

Zaxby's

February 2025 - June 2026

Assistant Manager · Watkinsville, GA

- Coordinated daily operations and payment handling, interviewed and trained new team members and shift leaders, and led the team to all-A ratings on DOH and brand safety inspections

EDUCATION

B.S. Computer Science (Theoretical Computer Science Emphasis); B.A. Sociology; Minor, Mathematics

Expected Spring 2027

The University of Georgia, Athens, GA

Relevant coursework: Algorithms | Theory of Computing | Data Structures | Systems Programming | Computer Networks | Discrete Mathematics | Data Science and Machine Learning I | Graph Theory | Multivariable Math I-II (Honors) | Linear Algebra

HONORS

Hope Scholarship Recipient State of Georgia

SKILLS

Languages: Java, Python, C, C++, Rust, TypeScript, JavaScript, Dart, SQL, PL/pgSQL, HTML, CSS

Web Fundamentals: Semantic HTML, CSS (Grid, Flexbox, custom properties), vanilla JavaScript and the DOM API, progressive enhancement, WCAG

Frameworks & Testing: Next.js, React, Flutter, Tailwind CSS, Drizzle ORM, Zod, Radix UI, Vitest

Infrastructure & Data: Docker, GitHub Actions, Cloudflare Workers (OpenNext, Hyperdrive), Supabase, Firebase, Turborepo, Vercel, AWS S3, Linux; PostgreSQL (Row-Level Security), MySQL, Redis, MongoDB, Firestore