

JASON CHEN

(720) 925-9938 | jchen3200@gatech.edu | linkedin.com/in/chensjason | jasonschen.com

EDUCATION

Georgia Institute of Technology, College of Computing

Bachelor's of Science in Computer Science (Intelligence + Modeling & Simulation)

Atlanta, GA

May 2027

EXPERIENCE

Databricks

Software Engineer Intern

Incoming 2026

Mountain View, CA

Amazon Web Services

Software Development Engineer Intern

May 2025 - August 2025

Boston, MA

- Redesigned configuration architecture for EBS Fleet Health's server orchestration services, migrating from CLI-based DynamoDB operations to managed **AWS AppConfig** deployments while preserving existing workflows and emergency override capabilities.
- Executed the migration using **AWS CDK** for infrastructure as code, modified **Java** backend service behavior, and developed Python CLI tools to support emergency overrides. Also implemented **unit tests** and built a **CI/CD pipeline** for automated deployments.
- Improved the **auditability** and **safety** of configuration changes, ensuring uninterrupted service operation during the migration.

Otek Energy

Software Development Engineer Intern

June 2024 – August 2024

Houston, TX

- Spearheaded a reporting system to format and organize information for projects utilizing **React**, **Node.js**, and an **AWS server**.
- Implemented a mobile app using **React Native** used by 40 employees to supplement the reporting system via submitting expenses.
- Implemented automated database backup system using **cron jobs** and **shell scripts** on **AWS EC2**, scheduling daily backups to **S3**.
- Reduced time to audit expenses, daily logs, and project information by **50%** with automated notification system.

PROJECTS

Vital Cue

June 2025 – August 2025

- Developed a full-stack voice and AI-powered platform to accelerate patient care documentation by 3x using **FastAPI** and **React**.
- Architected real-time audio transcription to form population pipeline, achieving sub-2-second form population from voice.
- Deployed HIPAA-compliant healthcare platform using **Terraform**, **EC2**, **ACM SSL/TLS**, **NGINX**, and encrypted **DynamoDB**.
- Software sold to First Due after demoing with over 10 local fire departments and ambulance agencies in the Bay Area and Denver.

TNKR

May 2025 – Present

- Launched a full-stack online shoe servicing marketplace, serving over **100+ active users**, using **Next.js**, **Node.js**, and **Prisma ORM**.
- Optimized database performance and reduced query latency by implementing **Redis** caching for high-traffic endpoints.
- Automated infrastructure provisioning and deployment using **Terraform**, ensuring consistent and reproducible cloud infrastructure.

CreekOCW

August 2022 - Present

- Founded notes platform serving **2000+** students annually while leading development teams to build educational resources.
- Sourced and wrote thousands of pages of notes and online flashcards and hosted on Wordpress for first Minimum Viable Product.
- Developed a web app that enhanced UI and allows for content search using **Next.js**, **Drizzle ORM**, and **Tailwind** hosted on **Vercel**.

Lunchbox

February 2025 - May 2025

- Built a web application that allows for online orders for a sandwich shop named Lunchbox in France using **React**, **Node.js**, & **AWS**.
- Configured **Stripe** webhooks and **Nodemailer** to enable real-time order processing and admin dashboard, increasing sales by **15%**.

INVOLVEMENT AND LEADERSHIP

HexLabs

Tech Team

Dec 2024 – Current

Atlanta, GA

- Engineered full-stack registration system using React and Node.js for HackGTeen event that processed 300+ student registrations.
- Actively building HackGT 12 registration portal with React + Node.js and serving as application reviewer for new participants.

Curious Cardinals

Technical Mentor

Dec 2024 – Current

Online

- Mentored in developing and deploying collaborative note-sharing platform, successfully serving 200+ active students.
- Guided end-to-end creation of automated class registration system for student's school, reducing registration errors by 75%.

GT WebDev

Project Lead

Jan 2024 – Dec 2024

Atlanta, GA

- Led team of 5 developers to design and build full-stack event registration and donation platform for campus fraternity fundraisers.
- Processed 100+ registrations and handled \$5,000+ in donations across multiple campaigns.

TECHNICAL SKILLS

Languages: Java, Python, HTML / CSS, SQL, C, C++, Javascript, Typescript

Frameworks & Services: React, React Native, Node.js, Express, Flask, AWS, PostgreSQL, Django, Next.js, Prisma, Redis

Developer Tools: Git, Figma, Linux, Docker, Kubernetes, Vim, Spring Boot, Expo, Jira, Gradle, Terraform, Claude Code

Fundamentals: Algorithms/Data Structures, Machine Learning, OOP, Systems and Networks, Agile, NLP, CI/CD, IaC