

Sijun Kevin Hu

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science | GPA: 3.4 | Dean's List (All Semesters)

Threads (Concentrations): Intelligence & Information-Inter networks

Atlanta, GA

Expected 2026

EXPERIENCE

Tyler Technologies

05/2025 – Present

Software Development Intern

Lawrenceville, GA

- Cut application load times **40%+** by modernizing AngularJS apps for cities and counties serving **20k-900k+** residents
- Resolved **120+** accessibility issues (**WCAG 2.2**), safeguarding a **\$100k** ADA audit investment
- Delivered **170+** commits / **45+** PRs merged, reducing support tickets and strengthening platform reliability
- Partnered with engineers, QA, and PMs to prioritize and ship updates across **750+** government agencies
- Replaced deprecated code with modern Angular practices, lowering long-term maintenance costs

FluidSportsTech

01/2025 – 05/2025

Mobile Application Developer Intern

Remote

- Implemented Android onboarding & wellness features from existing iOS app and Figma, used by **200+** athletes
- Integrated Firebase Auth & Firestore for secure logins and real-time data syncing across devices
- Contributed full lifecycle testing and deployment, improving stability and user retention by **30%**
- Collaborated with designers and iOS developers to ensure feature parity and consistent cross-platform UI/UX

PROJECTS

TapDetail | Next.js, Firebase, TailwindCSS

- Launched full-stack SaaS with real-world adoption, automated scheduling, role-based auth, **100+** bookings
- Built dashboards and automated reminders that cut missed appointments and bookings by **25%**
- Secured customer + business data with secure role-based access controls and real-time database with Firebase
- Deployed scalable cloud infrastructure supporting live booking and customer management

BubbledIn | React, WebRTC, Firebase, Web Speech API, Gemini

- Built real-time audio app enabling private “audio bubbles” for distraction-free team communication in noisy areas
- Engineered peer-to-peer voice channels with WebRTC + Firebase, supporting **5+** users with **<200ms** latency
- Integrated live transcription and AI summaries, improving accessibility for neurodivergent and hearing-impaired users
- Optimized browser audio handling to maintain stable cross-device performance with **<5%** packet loss

Student Involvement

GT Esports Leadership

2024 - Present

Director of Innovation | Lead Developer

- Lead the development department (**8+** members), recruiting developers and UI/UX designers to expand team
- Planning and managing hackathon for **200+** participants, including development of a full-featured event site
- Shipped React + Node.js tournament management platform serving **500+** competitors

Student Center Programs Council

2024 – Present

Tech Team and Concerts Subcommittee

- Developed a Python-based sheet parser to automate volunteer shift reminders for **100+** members and **50+** events
- Assisted with event logistics and coordination for operations at Student Center sponsored events

SKILLS & CERTIFICATIONS

Languages: Python, Java, JavaScript/Typescript, C#, SQL

Frameworks: Angular, React, Flask, Django, Next.js, TailwindCSS

DevOps | Cloud | Tools: RESTful APIs, AWS, Docker, Firebase, Git, Node.js, CI/CD automation