

# Sijun Kevin Hu

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## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science | GPA: 3.4 | Dean's List

Fall 2026

- **Coursework:** Data Structure & Algorithms, Objects & Design, Design and Analysis Algorithms, Systems & Networks

## SKILLS & CERTIFICATIONS

**Languages:** Java, Python, JavaScript, Typescript, C, C++, C#, HTML & CSS, SQL

**Frameworks:** Angular, React, Flask, Django, TailwindCSS

**Tools/Technologies:** Git, GitHub, Node.js, Android Studio, Maven, Agile, Firebase, AWS, Docker, Chrome Extension Dev

## EXPERIENCE

### Tyler Technologies

05/2025 – 08/2025

Software Development Intern

Lawrenceville, GA

- Spearheaded migration of a legacy AngularJS code to a modern Angular application, developing a dynamic UI and implementing robust data management solutions for enhanced system performance and user experience
- Enhanced web accessibility by remediating over 60 WCAG 2.2 compliance errors, improving keyboard navigation, visual clarity, and semantic structure across key user flows
- Contributed over 162 times on GitHub with over 40 successfully merged Pull Requests, providing comprehensive application support through new features, bug fixes, and UI/UX enhancements across various internal apps

### FluidSportsTech

01/2025 – 05/2025

Mobile Application Developer Intern

Remote

- Managed the complete Android development lifecycle, from conceptualization to deployment, building core features like user onboarding and wellness modules for an application serving over 200 student athletes

## PROJECTS

### Personal Project

2025

DreamCatcher | Flask (Python), React (Javascript), Firebase, Huggingface, OpenAI

- Pioneered a Dream Interpretation & Visualization web application, integrating OpenAI's GPT-3.5o mini and HuggingFace's Stable Diffusion (Flask, React) to deliver real-time data analysis and visual representations
- Optimized the application's initial loading time by over 60% by refactoring the Stable Diffusion initialization to a separate background process, preventing blockage of the main app thread and improving user experience

### Personal Project

2025

TapDetail | Next.js, Firebase, TailwindCSS

- Built a full-stack business management web app for mobile auto detailers, allowing clients to book and manage appointments through a professional online portal
- Implemented a centralized dashboard with client history and automated reminders, streamlining daily operations and reducing missed appointments

## Student Involvement

### GT Esports Leadership

2025 - Present

Lead Developer | Developer

- Contributed as a developer to building a scalable tournament management web app using React and Node.js which hundreds of competitors used for gaming tournaments
- Promoted to Lead Developer, overseeing the dev team and guiding future development from concept to deployment

### Student Center Programs Council

2024 – Present

Tech Team and Concerts Subcommittee

- Developing a Python-based sheet parser to automate volunteer shift reminders for 100+ members and 50+ events