

Kevin Zhang

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science, Dean's List

Expected Graduation: May 2027

Threads: Intelligence and Media

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, C/C++, Swift, HTML/CSS

Frameworks/Libraries: React.js, React Native, Next.js, Vue, Django, Tailwind CSS, MongoDB, RestAPI, Firebase, Stripe, NumPy, Matplotlib, OpenCV, ROS

Tools & Other Platforms: Git, GitHub, Vercel, Gazebo, Figma, Docker, WordPress, Docker, AWS, Agile, Scrum

EXPERIENCE

Infosys

May 2025 – July 2025

Software Engineer Intern

Bangalore, India

- Developed a real-time human trajectory predictor using YOLOv8 in Python and 3D angle and velocity projection, achieving 99.5% detection accuracy in crowded environments
- Implemented a time-aware path planning algorithm based on Dijkstra's and A*, integrating predicted human trajectories into a dynamic cost map and improving navigation success by 88.9% in simulation trials
- Built a Gazebo simulation in C++ with dynamic actors and 100+ trials, contributing to future deployment of Infosys autonomous shuttles and 5-ton material transport robots at companies with \$10B+ annual revenue

Skinstric AI

February 2025 – July 2025

Frontend Software Engineer

Remote

- Utilized OpenAI's Vision API and Next.js 14 for real-time image analysis, applying computer vision principles to identify user demographics, achieving 98% detection accuracy
- Developed responsive UI with TailwindCSS and GSAP animations, implementing dynamic skincare recommendation cards with 60% improved engagement
- Built custom animation system using GSAP timeline for seamless user experience during skin analysis processing, increasing user retention by 40%

Frontend Simplified

June 2024 – August 2024

Software Engineer Intern

Remote

- Transformed a static web application with React.js and JavaScript into an interactive user interface using animations, transitions, and carousels that improved user engagement by 40% and decreased bounce rate by 25%
- Processed API requests with Axios to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination, and dynamic routing
- Utilized Git version control and the GitHub interface, empowering our team to collaborate seamlessly, reducing code conflicts by 50%, and facilitating faster feature delivery by 15%

PROJECTS

GT Marketplace | [GitHub](#) | *React.js, TailwindCSS, Firebase, Stripe, MongoDB*

September 2024 - Present

- Collaborated with a team of 6 to build a web-based marketplace platform for Georgia Tech students, featuring secure authentication, real-time product listings, and a chat system, serving 75+ users
- Developed responsive product listing pages, product detail views, user profile, and user registration and login

Accessify | EmoryHacks 2025 - 1st Place Winner | [Devpost](#)

March 2025

- Worked with a team of 4 to build an award-winning google web extension with AI content simplification, real-time translation in 100+ languages and robust accessibility features
- Implemented accessibility-first features such as text-to-speech, color-blindness filters, and Dyslexia support
- Delivered 6+ core accessibility features within a 36-hour hackathon, and conducted hands-on user testing with multiple participants to validate usability improvements

LEADERSHIP

Society of Asian Scientists and Engineers (SASE)

May 2025 – Present

Executive Board (Events Director)

Georgia Tech

- Planned 4+ back to school events in advance, securing rooms, logistics, and marketing timelines
- Created shared planning calendar and kickoff structure, improving coordination across 7+ officers