

Jason Guan

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United States Citizen in Gainesville, FL

Education

- B.S. in Computer Science, University of Florida - GPA: 3.65 Expected Graduation: December 2026

Work History

Software Engineer Intern at CVS Health May 2025 – August 2025

- Used Next.js, React.js, Node.js, JavaScript, TypeScript, CSS, HTML, GraphQL with 22 engineers to build a CVS app.
- Fixed login bug in Next.js, React.js, JavaScript, TypeScript, CSS, HTML front-end to improve accessibility by 59%.
- Worked with Postman, GraphQL API to configure 77 front-end data fields to optimize back-end query retrieval by 63%.

Teaching Assistant for Intro to Software Engineering at University of Florida August 2024 – April 2025

- Taught SQL, Node.js, React.js, TypeScript, JavaScript, CSS, HTML with 13 teaching assistants to 500+ students.
- Trained 35 students weekly in Agile, Scrum, Git, Cloud Deployment, API usage, Jira to gain teamwork and tech skills.

Teaching Assistant for Programming Fundamentals 1 at University of Florida August 2024 - December 2024

- Taught Python, Git, GitHub, Version Control, OOP, and Pygame with 10 teaching assistants to 185+ students.
- Guided 20 students weekly in Python, Object-Oriented Programming to gain foundational and problem-solving skills.

Software Engineer Intern at Florida Community Innovation June 2024 - August 2024

- Used MongoDB, Node.js, React.js, JavaScript, CSS, HTML with 14 interns to build Resource Map for 9+ communities.
- Leveraged MongoDB, Node.js, and Postman to create 3 new connection routes and fixed 5 data-retrieval routes.
- Built webpages with React.js, JavaScript, CSS, HTML to boost UI/UX by 15% and rewrote documentation for clarity.

Software Engineer Intern at KidzHack May 2024 - August 2024

- Coded with Angular.js, JavaScript, HTML/CSS, Python, and AWS with 5 interns on a health app for 300+ students.
- Developed with Python and Amazon Web Services to improve data retrieval functionality in the back-end by 25%.
- Added 2 new features with Angular.js, JavaScript, and HTML/CSS to boost UI/UX and user satisfaction by 10%.

Computer Support Technician Intern at Florida Department of Agriculture May 2024 - July 2024

- Utilized C#, .NET, JavaScript, HTML/CSS with 3 engineers to build internal app features to improve user experience.
- Assisted and observed 10 TB of data transfer to SQL Microsoft Azure from old database to reduce issues by 25%.

Microsoft Tech Resilience at Microsoft October 2021 - November 2021

- Mentored by Microsoft employees over 6 weeks to gain problem-solving skills and teamwork experience.

Projects

Med Coach – React.js, JavaScript, CSS, HTML, Python, Supabase, Cloudflare AI, spaCy, Auth0

- Applied React.js, JavaScript, HTML/CSS, Python, Supabase with 3 peers to build a patient symptom prediction app.
- Integrated Python, spaCy, and natural language processing to predict symptoms from text data with 87% accuracy.
- Configured React.js, JavaScript, HTML/CSS for webpages, Supabase for user data, Cloudflare AI for 99.9% uptime.

Study Buddies – React.js, JavaScript, CSS, HTML, Google Firebase, Vercel, Astro, Bootstrap

- Made study app with React.js, JavaScript, HTML/CSS, and Firebase with 4 peers, getting top-5 at a hackathon.
- Created webpages with React.js, JavaScript, HTML/CSS, Astro, and Bootstrap for UI/UX and user satisfaction.
- Deployed application with Vercel and Firebase for user data, to support user requests with 99.9% uptime.

Skills

Artificial Intelligence Tools: Claude Code, Cursor, OpenAI Codex, Google DeepMind, OpenCode, OpenClaw

Programming Languages and Frameworks: Python, Java, C#, C, C++, JavaScript, TypeScript, SQL, Kotlin, Django,

Node.js, React.js, Astro, Bootstrap, MudBlazor, SFML, HTML, CSS, Pygame, .NET, Angular.js, Next.js

Developer Tools: Git, Visual Studio Code, VirtualBox, Vercel, Google Firebase, Supabase, Amazon Web Services

Microsoft Office Suite: Word, Excel, PowerPoint, Outlook, Copilot, Teams, OneNote, OneDrive