Rachel Kim

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EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science; Threads - Intelligence, Media   May 2026, Expected
National Merit Corporate Scholarship Recipient, Raytheon-sponsored, Awarded 2022

EXPERIENCE

Software Engineer Intern   Remote
Wealth.com   July 2024 - Present
- Maintain features for the primary web-app using React.
- Built reusable and customizable components to use in Sanity for the corporate website.
- Consolidated the codebase by building the icon library and migrating usage throughout the application.

Frontend Software Engineer Intern   Remote
KnoWhiz   June 2024 – August 2024
- Solo developed the landing page for the "Crafty" lecture generation feature with React and Next.js.
- Implemented the new user onboarding tutorials using Redux Slices for global state management.
- Updated the feedback flow for the web-app.

PROJECTS

PopSign   Atlanta, GA
Georgia Institute of Technology   September 2024 – Present
- Maintain and build features for the ASL learning game in Unity.
- Assist in integrating the internal sign language camera recognition Unity toolkit.

Altarune   Atlanta, GA
VGDev   September 2024 – Present
- Scripted the "slither golem" enemy AI with a C# state machine in Unity.
- Build UI functionality for the user HUD.

Shooty Girl   Atlanta, GA
Personal Project   June 2024 – July 2024
- Developed a 2D PVE platformer game in Unity with shooting mechanics and enemies.
- Deployed the game online with a React web application.

GreenPlate: A Sustainable Food Management System   Atlanta, GA
Objects and Design (Course)   January 2024 – May 2024
- Worked with a team in Android Studio to develop an application that aids users in tracking and planning meals.
- Implemented SOLID and GRASP principles along with design patterns to develop UI and functionality features.

SKILLS

Languages: C#, C, C++, Java, JavaScript, JSX, TypeScript, Python, HTML, CSS, GLSL
Concepts: Agile Methodology, GRASP, SOLID, Scrum, Design Patterns
Tools: Git, React.js, Node.js, Next.js, Unity, Unreal Engine, Blender, Visual Studio, Visual Studio Code, IntelliJ, Android Studio, Office 365 Suite, MATLAB, Docker, Figma, Vercel, Sanity

EXTRACURRICULARS

Violin / Georgia Tech Symphony Orchestra   August 2022 – May 2023
Programmer / VGDev   September 2024 - Present