YUHAN LI

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SUMMARY

Aspiring Web Developer and Bachelor of Science in Computer Science candidate with 1+ years academic experience in frontend web development and computer graphics. Strong academic foundation in various programming languages and technologies, including JavaScript, HTML, CSS, and React. Skilled in C++, Java, and Python.

EDUCATION

Rutgers University | New Brunswick, NJ **September 2024 - May 2026**
Bachelor's, Computer Science *GPA: 3.65*

- Relevant Courses: Systems Programming, Numerical Analysis & Computing, Linear Optimization

Sichuan University | Sichuan, China **September 2022 - June 2024**
Bachelor's, Computer Science *GPA: 3.31*

- Relevant Courses: Systems Software, Computer Organization & Assembly Language, Data Structures & Algorithm Implementation, Data Analysis, Computation in Information Science

SKILLS

Programming Languages: Javascript, HTML/CSS, C/C++, Java, Python, C#, x86-64 assembly, MIPS, R, Latex, Matlab
Frameworks & Tools: React.js, Three.js, GSAP, Tailwind, Node.js, REST API, Vite, Git, npm

PROJECTS & OUTSIDE EXPERIENCE

Space Invaders *February 2025 - March 2025*
Frontend Developer

- Developed a browser-based remake of the classic arcade game using JavaScript, HTML5, Canvas API, and CSS
- Implemented object-oriented design, pub-sub pattern, event handling, collision detection, game loop, and asset management for modular and responsive gameplay

Web Carbon Trigger *January 2025 - February 2025*
Frontend Developer

- Built a browser extension using JavaScript, HTML5, and CSS to provide real-time carbon intensity data
- Integrated the CO2signal API to dynamically update icon colors and data visuals based on regional electricity consumption

Blended Learning MIT TechXcelerate Program | Boston, MA *January 2024 - February 2024*
Group Member

- Collaborated in a team of 4 to explore optimizations for a 3D reconstruction pipeline using instant-ngp
- Presented the findings in an academic poster session attended by over 50 guests, including staff from MIT, receiving valuable feedback and insights