Yi Jiang

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Education

University of Nevada, Reno | Reno, NV

Bachelor of Science, GPA: 3.85 (Cum Laude) — Aug 2018 – Dec 2021

Major in **Computer Science & Engineering**

- Relevant Coursework: Computer Architecture, Data Structures and Algorithms, Embedded Systems, Operating Systems, Computer Communication Networks, Networking and Security, Human Computer Interaction

Minor in **Mathematics** and **Digital Interactive Games**

- Relevant Coursework: Game Theory, Computer Graphics, Image Processing and Interpretation

Skills

Technical Languages: Bash, C, C++, C#, CSS, HTML, Java, JavaScript, php, Python, SQL, TypeScript
Web Dev Stack: Firebase, jQuery, MERN (M=MySQL,MongoDB), MS SQL, npm, Next.js, RESTful API, Tailwind CSS, Vue.js
Web Dev Skills: Database Management, Testing/Debugging, Chrome Developer Tools, Data Fetching (AJAX, axios, fetch), Deployment Platforms (Heroku, Render, Vercel), Log Analysis, Postman, Version Control (Git/GitHub)
Computer Literacy: Google Suite, LaTeX, Linux, Microsoft Office, Microsoft Excel, Windows
Foreign Languages: Mandarin Chinese (native), Cantonese Chinese (native)

Experience

Frontend Simplified | Remote | Certificate

Frontend Engineer | Internship — Sep 2024 – Dec 2024

- Developed projects and revamped static web applications using React.js and other modern web libraries to fetch API data.

RubinBrown LLP | Las Vegas, NV

Tax Administrative + Production Specialist — Feb 2024 – Oct 2024

- Processed and assembled tax returns and extensions, resulting in a **20% reduction in preparation time** by streamlining the data entry process.
- Scanned and imported original client documents for 1040s and 1041s into autoflow, **improving data accuracy by 15%** and reducing manual entry errors.
- Communicated with team members regularly to maintain consistent tax production applications, fostering a collaborative environment that improved resource-sharing and maintained a high standard of work quality across offices.

Freelance | Remote

Web Developer — Sep 2017 – Present

- Developed a tutoring scheduling website for a school club using HTML, CSS, JavaScript, and PHP, allowing students to easily view tutor availability and subjects online, improving appointment completion rates and enabling students to schedule sessions from home without needing to be on campus.
- Engineered a custom data lookup and inventory management system for an online small business client, optimizing product search functionality and **improving inventory accuracy by 50%**.
- Tech stacks used: Firebase, MERN (M=MongoDB,MySQL)

University of Nevada, Reno | Reno, NV

Undergraduate BioSoRo Researcher | NSF Fellowship — Jun 2021 – Aug 2021

- Managed experimentation progress, as measured by consistent bi-weekly presentations and daily research sessions totaling 8 hours per week, by systematically tracking and analyzing experimental data.
- Expanded the project's electrical circuit architecture by collaborating closely with mentors to enhance topic understanding and leverage proper research resources.
- Developed a prototype with a representative 3D interface, utilizing multiple software programs, which improved gesture input recognition accuracy.

Projects

Visit www.github.com/yijio (for additional information and projects)

Canton PRT API | Public API — Nov 2024

- Developed a public API on the rail transit systems of the Canton (Guangzhou) region.
- Status: Data still being collected, endpoint is opened but API keys not yet assigned.
- Sample project site to go along with the API: sample.cantonprtapi.com

Certifications

Google IT Support, Google/Coursera — Aug 2024 – Sep 2024
Google Cybersecurity, Google/Coursera — Jul 2024 – Aug 2024