

Becky Chen

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EDUCATION

Rensselaer Polytechnic Institute

Troy, NY

Dual Major in Computer Science & Information Technology and Web Science

Expected Graduation: December 2024

Minor in Graphic Design

Cumulative GPA: 3.79

TECHNICAL SKILLS

- *Certifications:* PwC Human-Centered Design, Microsoft AI Fundamentals, Microsoft Azure Fundamentals
 - *Software Development:* C#, C++, C, Python, Java, SQL
 - *Web Development:* Figma, JavaScript/TypeScript, React.js, Flutter/Dart, HTML/CSS, WPF/XAML
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PROFESSIONAL EXPERIENCE

PwC

Manhattan, NY

Software Engineer Intern

June 2024-August 2024

- Developed and refined the UI/UX for the NEO website by designing interactive prototypes, successfully merging outdated interfaces into a cohesive design while incorporating new functionalities
- Improved security for 15+ applications by remediating Veracode vulnerabilities, streamlining the security review process to reduce deployment delays, and ensuring compliance with industry standards

Delsys

Natick, MA

Software Engineer - UI/UX Intern

January 2024-May 2024

- Spearheaded a major overhaul of the user interface and user experience for the Discover 2.0 release, enhancing usability and responsiveness by modernizing the design
- Ensured the application met accessibility standards and complied with industry guidelines, making the application more inclusive and expanding the user base

Coding Minds Academy

Irvine, CA

Coding Instructor

March 2023-October 2023

- Delivered 50+ Python, Java, Roblox Studio, Scratch, and fundamental software development lessons to students of varying proficiency levels through a one-on-one teaching format to ensure personalized guidance
 - Contributed to a cohesive and standardized learning experience by collaborating with fellow instructors to design effective teaching strategies
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PROJECTS

Solar Finder (King Energy Solar Solution)

Troy, NY

Front End Developer

September 2023-December 2023

Solar incentive mapping solution created for King Energy, a multi-tenant solar energy provider

- Lead front-end development, taking charge of design and user interface development
- Integrated third-party API (mapbox-gl) mapping functionality to display in a comprehensive manner
- Collaborated with cross-functional teams to align front-end development with project goals and UX standards

Cosmic Comets (NASA Wildfire Data Visualizer)

Troy, NY

Full Stack Developer

January 2023-May 2023

Web app employing NASA's datasets to visualize the effect of wildfires/wind on solar energy production in California

- Developed and styled 30+ interactive data visualizations using JavaScript libraries such as D3 and Leaflet
 - Implemented RESTful APIs to handle data storage of 300,000+ documents to create a robust server-side application
 - Prototyped site map on Figma and conducted A/B testing to ensure accessible and valuable user experience
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ACTIVITIES

Accomplishments: HackViolet 2022 Best Hack to Support Women, Dean's Honor Roll

Extracurriculars: Upsilon Pi Epsilon Honor Society, Science Ambassador, Society of Asian Scientists and Engineers

Languages: Native in English; Conversational in Mandarin and Cantonese