Becky Chen

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EDUCATION

Rensselaer Polytechnic Institute <div align="right">**Troy, NY**</div>

Dual Major in Computer Science & Information Technology and Web Science <div align="right">*Expected Graduation December 2024*</div>
Minor in Graphic Design <div align="right">*Cumulative GPA: 3.80*</div>

TECHNICAL SKILLS

- Certifications: Microsoft AI Fundamentals (AI-900), Microsoft Azure Fundamentals (AZ-900)
- C/C++, Python, Java, HTML/CSS, JavaScript/TypeScript, React Native, Figma, Balsamiq Cloud, Flutter/Dart

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PROFESSIONAL EXPERIENCE

Coding Minds Academy <div align="right">**Irvine, CA**</div>
Coding Instructor <div align="right">*March 2023-Present*</div>

- Taught Python, Java, software development, and software engineering concepts to students of all levels
- Delivered engaging and interactive lessons that meet the needs of diverse learners through one-on-one lessons
- Collaborated with other instructors to develop effective teaching strategies and ensure consistent delivery of content

NYC Mayor's Office of Contract Services <div align="right">**New York City, NY**</div>
Learning and Development Intern <div align="right">*July 2022-August 2022*</div>

- Analyzed user feedback from surveys for NYC.GOV and the agency-specific website, BuyWise, to improve navigation and user interface
- Developed and taught over 50 government staff members the 'Introduction to Plain Language Training', improving the public's comprehension of information on government websites
- Developed and updated guides for city vendors to significantly improve user experience when searching for solicitations on the City's procurement navigator

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PROJECTS

Cosmic Comets (NASA Wildfire Data Visualizer) <div align="right">**Troy, NY**</div>
Front-end Developer <div align="right">*January 2023-May 2023*</div>

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

- Built user interface using React Native and utilized styled components and Tailwind to ensure intuitive user interface
- Prototyped site map on Figma and conducted A/B testing to ensure accessible and valuable user experience

Time Design <div align="right">**Troy, NY**</div>
Full Stack Developer <div align="right">*September 2022-December 2022*</div>

Time Design is a scheduling website created for the stressed and overloaded Rensselaer student in mind

- Collaborated with two team members to design and build the website using PHP, CSS, JavaScript, and SQL
- Organized on Twig, a template engine for PHP and hosted on Azure Virtual Machines
- Employed Github's repositories to organize multiple versions of the website to streamline workflow

LightHouse <div align="right">**New York, NY**</div>
Front-end Developer <div align="right">February 2022</div>

LightHouse finds directions for the route with the most streetlights and provides convenient access to emergency contacts

- Awarded First Place in the category Best Hack to Support Women at the HackViolet Hackathon
- Utilized Twilio API's emergency contacts and hotline feature as well as Google Maps API for visualizations
- Collaborated with a team of four to create a high-fidelity prototype of the LightHouse app on Figma

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ACTIVITIES

Extracurriculars: Upsilon Pi Epsilon Honor Society, School of Science Ambassador, Work-Study at Armory
Languages: Fluent in English; Conversational in Mandarin and Cantonese
Interests: Watercolor/Acrylic Painting, Sustainability and the Environment, Upcycling, Baking, Traveling