

Becky Chen

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EDUCATION

Rensselaer Polytechnic Institute

Troy, NY

Dual Major in Computer Science & Information Technology and Web Science
Minor in Graphic Design

Expected Graduation December 2024
Cumulative GPA: 3.81

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

Irvine, CA

Coding Instructor

March 2023-Present

- 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

New York City, NY

Learning and Development Intern

July 2022-August 2022

- 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
 - Created 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)

Troy, NY

Front-end Developer

January 2023-May 2023

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

Troy, NY

Full Stack Developer

September 2022-December 2022

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

New York, NY

Front-end Developer

February 2022

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