

# Jeffrey Cheng

## Software Engineer

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## SKILLS

**Programming Languages:** JavaScript/TypeScript, Python, Java, Ruby

**Frameworks/Tools:** React.js, Redux, Next.js, Express.js, Node.js, Ruby on Rails, PostgreSQL, MongoDB, SQL, Jest, Git, D3.js, AWS S3, Tailwind CSS, HTML5, CSS3

## PROJECTS

### RareBnB

[Live Site](#) | [Github](#)

An Airbnb inspired clone for booking short-term homestays using: **React/Redux, Ruby on Rails, PostgreSQL**

- Implemented full CRUD functionalities for booking and managing reservations using RESTful API
- Established frontend and backend form validations and error handling for login/signup/reservations/reviews
- Improved performance and scalability by connecting backend to AWS S3 to efficiently store images in the cloud

### Income Tax Calculator

[Live Site](#) | [Github](#)

A single-page web application that estimates individual income tax using: **Vanilla JavaScript, D3.js, Chart.js**

- Designed a class to handle tax calculations across all 50 states using object-oriented programming
- Constructed an interactive US map to display comprehensive tax information using D3.js and DOM manipulation
- Incorporated tax breakdown visualization for any selected state using modals and Chart.js

### Choose Your News

[Live Site](#) | [Github](#)

A newsfeed app that displays filtered news articles using: **React/Redux, Express.js, Node.js, MongoDB**

- Led a team of 4 software engineers, overseeing daily meetings, task assignments, and deliverables
- Developed complete frontend functionality, encompassing data retrieval, responsive UI, and storage using Redux
- Participated in code reviews for Github pull requests to ensure code quality before merging into the main branch

## EXPERIENCE

### AI Training Contributor

Aug 2023 - Present

Scale AI

Remote

- Enhance generative AI models by providing diverse prompt responses, insights, and feedback with a 97% quality score
- Conduct comparative analysis of AI-generated outputs to refine and improve model performance

### Founder & Operations Manager

Dec 2020 - Apr 2022

BSV Beauty Inc.

New York, NY

- Founded and managed end-to-end operations of an online retail business, generating over \$300,00 in revenue
- Maintained 5.0 rating across multiple platforms with 50+ reviews, reflecting exceptional customer satisfaction

### Tax Analyst

Jul 2018 - Nov 2020

Havas North America, Inc.

New York, NY

- Coordinated with 20+ subsidiaries to gather and compile all necessary information for annual tax filings, resulting in timely submissions for 3 consecutive tax years
- Mentored foreign interns by assisting them in learning US tax laws and adapting to the work environment

## EDUCATION

**App Academy** - Immersive software development course with focus on full stack web development

Jan 2023

**Binghamton University, School of Management** - MS - Accounting | 3.93 / 4.0 GPA

May 2017