

# Jonathan Wong

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[GitHub](#) | [Portfolio](#) | [Blog](#) | [LinkedIn](#)

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Full Stack Software Engineer with a passion for discovery, spanning web development, photography, and sketching. With technical skills in Java, Spring Boot, Angular, Ruby, Rails, React, and JavaScript, and a background in Economics and Public Policy, I bring analytical attention to detail, interpersonal skills, and an aspiration to help the world through coding. Looking for Software Engineer work that prioritizes client support, critical thinking, and communication to achieve technological goals.

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## TECHNICAL SKILLS

Proficient: Java, Spring Boot, TypeScript, Angular, Ruby, Sinatra, Ruby on Rails, JavaScript, React, Redux, SQL, ActiveRecord, HTML, CSS, Git, Bootstrap

Exposure: Rspec, Capybara, STATA, SPSS

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## TECHNICAL PROJECTS

**Git-It-And-Did-It** – [GitHub](#) – A bug tracker/task management app

- Constructed RESTful API using Ruby on Rails and integrated it with a React front-end
- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side
- Used ActiveRecord Serializers to generate custom JSON for JavaScript
- Implemented Bootstrap, styled-components, and custom CSS to design the front-end

**BookStore** – [GitHub](#) | [Demo](#) – An e-commerce store for users to purchase books

- Created single-page-application using React and Redux for a dynamic user experience
- Built backend API using Ruby on Rails framework
- Implemented Bootstrap and custom CSS to design the front-end

**MegaStore** – [GitHub](#) | [Demo](#) – An online marketplace, facilitating consumer-to-consumer sales

- Built content management system using Ruby on Rails and the MVC pattern
- Utilized OAuth gem allowing users to sign up via GitHub
- Incorporated ActiveRecord to manage SQLite database
- Authenticated users through Bcrypt and password protection and user persistence until logout

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## EXPERIENCE

### Dow Jones

Application Developer

Monmouth Junction, NJ

11/2021 – Present

- Develop APIs to convert REST/SOAP requests to SOAP/REST responses between upstream and downstream systems
- Create queues to enable communication between different applications to minimize complexity and runtime dependencies
- Support technical team deployment to ensure a smooth go-live of new processes or product or system
- Support trouble-shoot issues, document process, review checklists, and develop a reference implementation

### Infosys

Senior Associate

Jersey City, NJ

06/2021 – Present

- Independently develop, review and test code using Java, Angular and Spring Boot
- Collaborate with colleagues in order to create innovative, high-quality and defect-free solutions to meet clients' business needs

### Whitney Hu for City Council 2021

Website Associate

Brooklyn, NY

11/2020 – 03/2021

- Coordinate with the Project Director to develop, format and deploy content
- Assist and support in the upkeep and maintenance the website
- Aid in the Restaurant Directory Outreach via community outreach to support restaurants in the campaign district

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## EDUCATION

### Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript program

New York, NY

11/2018 – 02/2020

### Hunter College, City University of New York

Bachelor of Arts in Economics, Public Policy Certificate (Urban Policy), Minor: Psychology

New York, NY

06/2017