

# Xiaoyi Liu

917-815-1316 | [LXY878@GMAIL.COM](mailto:LXY878@GMAIL.COM) | [Github](#) | [LinkedIn](#) | [Personal Website](#)

## PROFESSIONAL SUMMARY

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Full-stack software engineer with a BA in Computer Science I bring strong skills in Ruby on Rails and JavaScript based programming. Possess strong skills in developing, testing and debugging code and have a passionate mindset of creating innovative and high-quality products. I look forward to a position in web development.

## TECHNICAL SKILLS

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**Proficient:** Java, JavaScript, ReactJS, Redux, Ruby, Ruby on Rails, SQL, SQLite, Git, HTML5, CSS3

**Exposure:** Sinatra, NodeJS, Express, C++, PHP, MySQL

## TECHNICAL PROJECTS

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**Online Store** (Ruby on Rails, ReactJS, Redux) - [Github](#) | [Demo](#) 2021

A web application for anyone who sells their creative products and who purchases unique goods.

- Wrote 10 client side components using ReactJS and React router, resulting in multiple pages.
- Created 11 API routes for server side using Ruby on Rails, resulting in CRUD actions of users, products and orders.
- Created a feature to encode/decode users' data using JSON Web Token, resulting in secured communications between client side and server side.
- Created a feature to encrypted/decrypted users' passwords using bcrypt library, resulting in storing non-human-readable passwords into the database.
- Created a feature to upload users' images using ActiveStorage library, resulting in storing files into the local database.

**Commercials Board App** (Ruby on Rails) - [Github](#) | [Demo](#) 2020

A web application for small business owners spreads their excellent products.

- Implemented Omniauth and Bcrypt to secure user authentication
- Used RESTful URLs to maintain users' CRUD actions
- Utilized ActiveRecord to persist data in a relational database

## EXPERIENCE

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**Student Technology Mentor**, 09/2015 - 12/2016

Center For Teaching and Learning of LaGcc Long Island City, NY

- Attended 30+ related classes to work as a teaching assistant, supplementing the work of faculties and the IT staffs and helping 300+ students use the digital resources as effective learning.
- Helped 10+ faculties/professors design, create, utilize and maintain technology-enriched teaching resources.

## EDUCATION

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**Flatiron School**, New York City, NY

Full Stack Web Development, Ruby on Rails and JavaScript program 02/ 2020 - 02/2021

**Queens College of City University of New York**, Queens, NY

Bachelor of Art in Computer Science 07/2016 - 08/ 2019

**LaGuardia Community College of City University of New York**, Long Island City, NY

Associate in applied Science in Computer Science 01/2015 - 06/ 2016