Xiaoyi Liu

917.815.1316 | LXY878@GMAIL.COM | Queens, NY

LinkedIn: linkedin.com/in/xiaoyi-liu-6684ab82   **GitHub:** github.com/lxy878   **Portfolio:** lxy878.github.io

TECHNICAL SKILLS

- **Proficient:** Java, JavaScript, ReactJS, Redux, Ruby, Ruby on Rails, SQL, SQLite, Git, HTML5, CSS3
- **Exposure:** Sinatra, NodeJS, Express, C++, PHP

WORK EXPERIENCE

Center For Teaching and Learning of LaGcc | Student Technology Mentor | Queens, NY   09/2015 - 12/2016

- Attended 30+ related classes as a teaching assistant to supplement the work of college faculties and to help students use the digital resources as effective learning using internal templates and tools,helping 300+ students using their digital portfolios.
- Assist faculties/professors having technical issues about design, create, utilize and maintain technology-enriched teaching resources. using internal templates and tools, helping 10+ IT staff and faculties having accessible digital materials in their lectures.

EDUCATION

Software Engineering Program, *Flatiron School*   02/ 2020 - 02/2021

Bachelor of Art in Computer Science, *Queens College of City University of New York*   07/2016 - 08/ 2019

Associate in applied Science in Computer Science, *LaGuardia Community College of CUNY*   01/2015 - 06/ 2016

PROJECT WORK

Online Store | Full Stack Engineer | Deploy URL | Code URL   2021
A web application for anyone who sells their creative products and who purchases unique goods.

- Wrote 10 client side components using ReactJS, React Router and Bootstrap, resulting in rendering over 10+ pages.
- Created 5 controllers and 11 API routes for server side for CRUD actions of users, products and orders using ActionController library, Ruby on Rails, and Ruby, resulting in 2x faster development.
- 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 encrypt/decrypt users' to store passwords as non-human-readable in the database using bcrypt library, resulting in increased password security in case of database compromise.
- Create a feature to upload users' images and store them in the local database using Ruby on Rails, Ruby, and ActiveStorage library, resulting in easier access to their images.
- Design 6 relational tables and 4 models using Sqlite, Ruby on Rails, Ruby, and ActiveRecord library, resulting in persisting the data of users, products and orders.

Commercials Board | Full Stack Engineer | Deploy URL | Code URL   2020
A web application for small business owners spreads their excellent products.

- Create a feature to allow users to login using Github accounts using OmniAuth, Ruby, Ruby on Rails and ActiveRecord libraries, resulting in flexibility to access accounts from third-party authentication.
- Created 12 views for client-side components using ERB template, HTML, CSS, and SCSS, resulting in the compatibility with Ruby and the convenience in development.
- Built 4 controllers and 24 routes for CRUD actions of users, commercials and comments using ActionController library, Ruby on Rails and Ruby, resulting in 2x faster development.
- Design 4 relational tables and 4 models using Ruby, Ruby on Rails, ActiveRecord and Migrations libraries, resulting in persisting the data of users, commercials and orders.