

Jie (Lorena) Lu

4rd year Computer Science Major | 604-445-1129 | lujiecanada@gmail.com

EDUCATION

Bachelor of Science, Computer Science Major

University of British Columbia – GPA 85

Sep 2017 – Present

TECHNICAL SKILLS

- Programming Languages: Java, JavaScript, Ruby, C/C++, HTML/ CSS
 - Technologies & Frameworks: ReactJS, Ruby on Rails, Vue, NodeJS
 - Databases: Oracle, MySQL, PostgreSQL, MongoDB, DynamoDB, Redis
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TECHNICAL WORK EXPERIENCES

Back End Developer Coop

Later.com Vancouver BC

Sep 2019 – Dec 2019

- Worked with Ruby on Rails to develop new features to support client application.
- Collaborated with front end and product team in agile development environment.
- Worked on microservices that involved NodeJs and AWS.
- Manipulated database with PostgreSQL, DynamoDB and Redis.

Teaching Assistant

University of British Columbia

May 2019 – July 2019

- Met weekly with instructors to go over course level planning.
- Evaluated student performance by grading exams, assignments, and projects.
- Maintained weekly office hours to communicate in person with students as needed.

Cofounder and Web Developer

Apeirohedron Enterprises Ltd.

Jan 2018 – Present

- Design, build, and maintain websites for local businesses.
 - Research industry trends to provide top quality service.
 - Participated in all stages of products' life cycle from design to deliver.
 - Workflow tools included: HTML, CSS, JavaScript, Vue, Meteor and Git.
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PROJECTS

Rounders.io Musical Competition WebApp

July 2020

- Designed and implemented a webapp which allows users to send out and compete in musical challenges
- Utilized React with Redux for frontend, Nodejs for backend and MongoDB for storage
- Owned the core front-end aspect of the project, including design and UI/UX implementation of the webapp
- Generated RESTful api calls to communicate with our backend

Face Swapping Bot

October 2019

- Detects faces in images and replaces them with random faces generated by ThatPersonDoesNotExist.
- Created a Slackbot which when you send an image, will reply with an autogenerated face swap image
- Made serverless by using AWS Lambda and Sagemaker to perform machine learning.