

Lydia Lin

lydialin.me | github.com/yuqi88 | linkedin.com/in/lydia-yuqi-lin | lydia.yuqi.lin@gmail.com | 778-214-5206

EDUCATION

The University of British Columbia

Sep 2018 - Apr 2023

Bachelor of Science - Honours in Computer Science and Minor in Data Science

GPA - 3.3/4.0 (Avg. 89.1%)

Awards | Deputy Vice-Chancellor Scholarship Recipient

WORK EXPERIENCE

Full Stack Engineer

Jun 2022- Apr 2023

The University of British Columbia | *Kelowna, BC*

- Architected REST API endpoints and front-end UI features to satisfy user needs.
- Developed and contributed to an evolving custom UI component library.
- Increased test coverage by 62% by automating data creation and rapidly developing unit tests.
- Led documentation (~40% documented) of bespoke open-source AI team generation library.
- Worked on multiple full-stack web applications in agile teams of 3-5+ developers.

Teaching Assistant

Jan 2022 - Jun 2022

The University of British Columbia | *Kelowna, BC*

- Instructed 2 classes of 70-200 students teaching university-level computer science.
- Worked in a team of 4 to mark assessments and assist students during classes.

PROJECTS

Course Gamification

Sep 2022 - Apr 2023

Angular, TypeScript, Tailwind CSS, Taiga UI, Django, Django REST, Python

A platform to gamify learning for university-level introductory programming courses. Used in multiple courses with 500+ total users. Responsible for full-stack design and implementation of a major application feature.

Prism

Sep 2022 - Mar 2023

Next.js, TypeScript, MUI, Django, Python, Deep Image Search, Docker

An image recognition and video analysis web application for data scientists. Developed alongside 3 other software engineers across 8 months. Responsible for application design, front-end development and project management.

Computational Puzzles

Sep 2021 - May 2022

Next.js, TypeScript, SCSS, Axios, NextAuth.js, Node.js, Prisma, Jest.js, Faker.js

Interactive hybrid-learning scavenger hunt to promote computational thinking with children. Expected to be deployed to 150+ existing users across 8 countries. Responsible for user authentication UI module.

SKILLS

Languages & Frameworks

JavaScript, TypeScript, HTML5, CSS, SCSS, React.js, Next.js, Node.js, Angular, Python, Django, REST APIs, Prisma ORM, PostgreSQL, MySQL, MongoDB, Java

Tools & Other

Git, GitHub, npm, Trello, Kanban, Figma, Docker, JetBrains IDE Suite, Bilingual (English and Mandarin)