

Jacqueline Li

jacquelineli1005@gmail.com | jacqueline-li.github.io | github.com/jacqueline-li | linkedin.com/in/li-jacqueline

EDUCATION

Bachelor of Computer Science, University of Waterloo

2023

- Business Management Minor, 3.80 GPA

WORK EXPERIENCE

Technical Program Manager, Facebook

May 2021 – September 2021

- Led migration to the new routing product UI by conducting user research and collaborating with stakeholders to drive key features which improved workflow efficiency by 65%
- Determined performance metrics using SQL and Python which mitigated 366+ severe escalations/ month
- Built a dashboard to visualize unified metrics which optimized resource allocation across 150+ teams

Software Developer, Xero

January 2020 – April 2020

- Built, maintained, and debugged 1100+ document fetching/scraping microservices using Node.js which increased overall success rate by 88% and achieved 2-year high
- Improved internal APIs by implementing new endpoints using Backbone.js and reduced schema costs by 7% through PostgreSQL migrations; complete with Chai and Mocha unit and integration testing
- Analyzed OKRs and initiated the development of bash scripts to automate the retrieval process of encrypted credentials which improved team velocity and reduced turnover time

Web Developer, Ontario Institute for Cancer Research

May 2019 – August 2019

- Developed the front-end of 6 responsive Jekyll websites using JavaScript, HTML/Sass and Bootstrap which attracted over \$50,000 in funding toward cancer research
- Built new project management tools using React and Jira's REST API which reduced data entry times by 84%

LEADERSHIP EXPERIENCE

Project Lead, Tech+

May 2021 – August 2021

- Drove cross-functional efforts between development, marketing, and finance to promote diversity initiatives and scale the largest mentorship program at the University of Waterloo to 900+ students

Chair, Women in Computer Science

January 2019 – May 2021

- Led a team of 8 committee members and communicated with external sponsors to organize university-wide initiatives that brought female engagement to a 5-year high

PROJECTS

FoodPact | github.com/jacqueline-li/FoodPact

- Developed a webapp that scrapes data from pictures of receipts and suggests more eco-friendly alternatives using Node.js, MongoDB, and the Google Cloud API

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript, SQL, PHP, HTML/CSS

Technologies: React, Node.js, jQuery, Android, Linux