

# Jacqueline Li

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## EDUCATION

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**Bachelor of Computer Science**, University of Waterloo  
Business Management minor, 3.80 GPA

2022

## WORK EXPERIENCE

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**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 95%
- Determined performance metrics using SQL and Python which mitigated over 366+ escalations per quarter
- 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 in Agile

**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

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**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 monthly initiatives to empower women in tech and collaborated with external sponsors on university-wide workshops which achieved a 5-year high of female attendees

## PROJECTS

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**FoodPact** | [github.com/jacqueline-li/FoodPact](https://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

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

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