

# Lilly Ko

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## Education

University of Victoria, BSc. Computer Science & Psychology

Sept 2020 — May 2025

## Skills

**Programming:** Python, Java, C

**Web Development:** React, Typescript, HTML, CSS, JavaScript, jQuery, Bootstrap 4/5

**Software:** Visual Studio, Figma, Jira, GitLab, Git BASH

## Work Experience

### Front-End Developer & UX Designer

May 2023 — April 2024

TK Graphics

Surrey, B.C

- Innovatively designed and developed user-centered solutions for enterprise API, elevating data accessibility, manipulation, and overall usability and reliability.
- Proactively led QA testing, adeptly identifying and documenting bugs, ensuring the delivery of high-quality software.
- Successfully led user surveys and acceptance tests, providing robust documentation for new UI/UX implementations.
- Spearheaded the seamless migration of version control from SVN to GitLab, single-handedly managing the entire process. Authored comprehensive GitLab documentation, facilitating smooth adoption.

### Residential Manager

2021 — present

- Maintains clear and consistent communication with Tenants in order to deliver on shared responsibilities in property upkeep.
- Collaborates with Tenants effectively to establish tailored solutions to their living needs.

### Small Business Entrepreneur

2020

- Jump-started a successful small business selling hand-made items online, independently fulfilling ~600 sales during the opening month.

## Technical Projects

### [Spark](#)

React

✨ Spark, the social media web application made with React JS, Appwrite, Tailwind CSS, React Query. Styled with shadcn. Includes account authentication, create, edit and explore posts, view, like and save posts.

### [Williams-Adventure](#)

Java

A 2D retro-style pixel game where players navigate mazes to find treasures and make their escape. Made entirely in Java.

### [Enterprise-Quotation](#)

**Figma**

Meticulously developed a Figma-based high-fidelity mock-up for an enterprise API, strategically enhancing data entry and manipulation for quoting complex and highly customizable print jobs. The design was thoughtfully tailored through user experience interviews and observations, ensuring an intuitive and user-friendly interface.

### [Git-Documentation](#)

**Git BASH | Markdown**

This comprehensive guide, originally created for internal use at TK Graphics, provides detailed step-by-step instructions for setting up Git in both local and apache2 server environments.

### [Testing-Documentation](#)

**Google Sheets**

A comprehensive testing spreadsheet I curated to efficiently organize testing efforts with the development team. The spreadsheet covers detailed test cases, expected outcomes, pass/fail results, and additional comments, serving as a centralized reference point for Quality Assurance communication.

## **Certificates**

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Google UX Design Professional Certificate

July 2023

## **Awards, Honors and Recognitions**

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### **B.C. China Award for Excellence in Chinese**

May 2020

Issued by B.C. Ministry of Education and the Education Office of the Consulate General of the People's Republic of China

Scholarship issued to 50 B.C. students studying Chinese. The award gives recognition to students who have shown adept drive to use their Chinese language abilities for the betterment of their communities.

### **Uvic President's Scholarship**

Feb 2020

Issued by University of Victoria

Scholarship awarded to students of high academic standing.

### **Lower Mainland District Debate Tournament**

Jan 2018

Issued by LME Debate Society

Ranked Top 5 debate teams in the district.