

# Lilly Ko

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## Education

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University of Victoria, BSc. Computer Science & Psychology

Sept 2020 — May 2025

Google UX Design Professional Certificate

July 2023

## Skills

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**Programming:** Python, Java, C

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

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

## Work Experience

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### 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 comprehensive user surveys and acceptance tests while generating 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

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### [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.

### [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.

## Design Projects

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### [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.

### [Enterprise-Job-Creation](#)

Presentation | Figma

Created and delivered an engaging UX Design presentation for a lunch-and-learn meeting with the development team at TK Graphics. Outlined the general design process I took at TK Graphics and highlighted the thoughtful application of design concepts. Showcased a sample mock-up I made for their API to demonstrate the practical utilization of these design principles in enhancing user experience.

### [The-Florist](#)

Figma

A local florist app dedicated to offering a diverse range of floral arrangements. This project follows a meticulous by-the-book process in UX/UI design to ensure an exquisite and user-friendly experience for users. Includes user research, low-fidelity, and high-fidelity prototypes.

## Awards, Honors and Recognitions

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### **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.