Lilly Ko

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Education

University of Victoria, BSc. Computer Science & Psychology	Sept 2020 — May 2025
Google UX Design Professional Certificate	July 2023

Skills

Programming: Python, Java, C
Web Development: React, Typescript, HTML, CSS, JavaScript, jQuery, Bootstrap 4/5
Software: Visual Studio, Figma, AdobeXD, Jira, GitLab, Git BASH, Jupyter Notebook

Work Experience

UX Designer   Sept 2023 — April 2024
TK Graphics   Surrey, B.C
• Conceptualized and executed user-centric solutions for enterprise API, significantly enhancing data accessibility, manipulation, and overall usability and reliability.
• Created Figma wireframes and prototypes aligned with brand identity, ensuring a seamless transition from concept to design.
• Orchestrated successful user research and acceptance tests, while creating robust user documentation.
• Collaborated closely with stakeholders to translate requirements into meaningful design solutions.

Front-End Developer   May 2023 — April 2024
TK Graphics   Surrey, B.C
• Developed a smooth, user-friendly GUI with easy reusability in other components.
• Proactively led QA testing, identifying and documenting bugs to ensure high-quality software and a seamless user experience.
• Independently managed seamless migration from SVN to GitLab, and authored comprehensive documentation for 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.

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.

[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

[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. Highlighted the thoughtful application of design concepts and design thinking methods in response to user pain-points. 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.