

Felix Fong

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EXPERIENCE

Software Engineer - PEY Intern

May 2023 – August 2024

Intel Corporation, Toronto, ON

C++, Python, Perl, TCL

- Created a scalable architecture for **6 systems**, solving a critical netlist propagation bug and paving a path for **framework centralization**
- Improved design validation by developing new netlist legality checks and analytics report
- Drove an increase of **90% in developer productivity** by pioneering a new internal framework that streamlined the implementation of key features across projects
- Won third place** in an internal Competitive Programming competition for solving challenging problems

Lead Full Stack Developer

February 2025 – Present

Startviral, Remote

React, TypeScript, Tailwind CSS, Prisma ORM, TimescaleDB

- Contributed to **\$2860+** worth of monthly revenue by building a full stack pricing page from scratch
- Engineered internal tooling to manage millions of data entries with **millisecond** response times
- Optimized test runtime by **200x** by migrating to **Prisma ORM** after finding measureable performance gains

Technical Executive

November 2022 – Present

Deltahacks, Hamilton, ON

React, Typescript, Tailwind CSS, Netlify, tRPC

- Enhanced developer experience by redesigning and implementing a customizable form database table
- Built the schedule page and Google Wallet features used by **300+ participants** for streamlined event management
- Led development of the Deltahacks IX landing page and grading page, overseeing **1300+ applicant** volume by leveraging React, shadcn/ui and Tailwind CSS

Teaching Assistant

January 2025 - June 2025

McMaster University

Hamilton, ON

- Conducting live classroom instruction to **300+ students** on Automata and Computability
- Redesigned lesson plans to enhance classroom engagement

Project Code Quality Lead

December 2024 – January 2025

Datacurve, Hamilton, ON

C++, Python, Java, JavaScript

- Directed data governance and quality standards for **2000+ technical contributors**, impacting **multi-million dollar** LLM training operations leveraging expertise in C++, Python, Java, and JavaScript
- Led investigations into review quality, revising 58 rejected data points and creating new reviewer guidelines
- Ideated innovative tools that improved review quality and productivity

PROJECTS

[Ani-List](#) | Java, Java Swing, Unirest, Apache Maven

July 2021

- Designed a social cataloging application for users to search, score, and save their anime preferences using the **Java Swing** Framework
- Conceptualized a novel recommendation algorithm to interactively advertise up to **100 anime** concurrently
- Implemented a serializer and deserializer to save and load anime preferences

EDUCATION

McMaster University | 3.8 GPA

September 2021 – April 2026

Candidate for Bachelor of Applied Science, Computer Science

Hamilton, ON

TECHNICAL SKILLS

Languages: Python, C++, Typescript, Java, Javascript, HTML, CSS, Rust Java, C, Perl, Elm, Haskell, Bash, SQL

Libraries and Frameworks: ReactJS, JSX, Tailwind CSS, NextJS, shadcn/ui, Prisma ORM, Axios, NodeJS, ViteJS, Bootstrap, Java Swing, MongoDB, Payload CMS

Developer Tools: GitHub, Git, Jira, Perforce, Linux, Apache Maven, Google Cloud