

# Felix Fong

hi.there@fongfelix.com | [fongfelix.com](https://fongfelix.com) | [linkedin.com/in/felixfong58](https://linkedin.com/in/felixfong58) | [github.com/fvcci](https://github.com/fvcci)

## EXPERIENCE

### Software Engineer - PEY Intern

May 2023 – August 2024

Intel Corporation, Toronto, ON

C++, Python, Perl, TCL

- Created a scalable solution for **6 systems**, solving a critical 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

Feb 2025 – Present

Startviral, Remote

React, TypeScript, Tailwind, 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, 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.

### Teaching Assistant

Jan 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 by **50%**.

### Project Code Quality Lead

December 2024 – January 2025

Datacurve, Hamilton, ON

C++, Python, Java, JavaScript

- Spearheaded 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 by 20% across 8 reviewers.

## 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, 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