

# Kallie Huynh

+1 780-263-4138 | [kalliehuynhcs@gmail.com](mailto:kalliehuynhcs@gmail.com) | [linkedin.com/in/kalliehuynh](https://www.linkedin.com/in/kalliehuynh) | [github.com/seagulley](https://github.com/seagulley)

## EDUCATION

### University of Alberta

*Bachelor of Science in Computer Science, Specialization in Software Practice*

Edmonton, AB

Sep. 2021 – May 2025

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres, MySQL), JavaScript, TypeScript, Golang, Swift, Kotlin

**Frameworks:** React, Node.js, Angular, Flask, Express, Tensorflow, Spring, SwiftUI

**Developer Tools:** Git, Docker, Google Cloud Platform, VS Code, PyCharm, IntelliJ, JMeter, Kubernetes, Unix, Jira

**Libraries:** Pandas, NumPy, Matplotlib, Jest

**Skills:** Frontend, Backend, Full-Stack, UX/UI Design, Data Structures, Algorithms, Machine Learning, Agile, OOP

## EXPERIENCE

### Software Engineering Intern

May 2023 – Dec. 2023

*Royal Bank of Canada Capital Markets*

*Toronto, ON*

- Collaborated in a team of four on a Capital Markets product feature with a potential annual revenue impact of \$900 billion (US Provisional Application No. 63/534,295), winning RBC's Business Value award.
- Developed a portable application with cash forecasting and natural language querying, achieving a MAPE score under 20%, greatly improving treasurers' cash flow predictions and financial planning accuracy.
- Transitioned to a startup project at RBC, preparing an MVP for a January launch and acquiring Angular and Java skills to bolster portal security, accessibility, and user experience.

### Web and Mobile Developer

Aug. 2022 – Jan. 2023

*Freelance, UAlberta Blueprint Chapter*

*Edmonton, AB*

- Amplified client sales and event visibility through expert web and mobile app development using React, MongoDB, Express, and Node.js, escalating user engagement and organizational initiative visibility.
- Transformed Alzheimer Calgary's data management by leading a digital migration project, empowering 300+ families with real-time access to treatment and activity reports, fostering trust and operational transparency.

### Undergraduate AI Research Assistant

Jan. 2022 – Aug. 2022

*University of Alberta*

*Edmonton, AB*

- Directed solo research project to explore LSTMs (Long short-term memory networks) and their ability to predict compound words from constituent words.
- Learned and applied advanced concepts, creating innovative custom loss functions to enhance model performance.

## PROJECTS

### Accessibility and Inclusivity in Medicine Club Website | *React, Express, Notion API* Aug. 2022 – Sep. 2022

- Developed a full-stack web application that uses Notion API to integrate the club's shared Notion page to a frontend, enhancing online visibility and event participation.

### Local Restaurant Recommendation App | *Python, Flask, Selenium, JavaScript, Git*

Jan. 2022

- Employed web scraping to aggregate restaurant data and user reviews, delivering tailored recommendations based on comprehensive datasets.

## EXTRACURRICULAR AND OTHER EXPERIENCE

### Junior Leader and Skateboarding Mentor

Sep. 2022 – Present

*Tiger Skate Club*

*Edmonton, AB*

- Mentored and guided club members, creating a safe, inclusive environment for gender minorities in skateboarding.
- Recently advanced to a junior leadership role, coordinating sponsors and planning one of western Canada's two annual skateboarding events for gender minorities, boosting women and queer participation and representation.

### Digital Illustrator and Designer

May 2016 – Present

*Freelance*

*Edmonton, AB*

- Consulted with local businesses, organizations, and online creators to build a cohesive and compelling brand image through merchandise, logo, and advertisement designs.
- Crafted online ads that significantly boosted restaurant delivery sales during COVID-19, aiding business resilience and recovery.