

Elton Kok

kokelton@student.ubc.ca • Vancouver, BC • [linkedin.com/in/eltonkok](https://www.linkedin.com/in/eltonkok) • github.com/EltonK888

EDUCATION

University of British Columbia

Bachelor of Computer Science, Fourth Year, cGPA: 4.30/4.33

2020 – 2023 (expected)

Vancouver, BC

University of Toronto

Honours Bachelor of Science in Biochemistry, cGPA: 3.89/4.00

2014 – 2019

Toronto, ON

WORK EXPERIENCE

Amazon

Software Development Engineer Intern

May 2022 – August 2022

Toronto, ON

- Developed a subscription management feature using Java and React for Amazon Kids customers, simplifying subscription management for more than 100 000 Amazon Kids+ subscribers
- Used Java Spring Framework to implement service calls and expose an endpoint to the front end to allow customers to update beneficiary subscription access
- Created a design document for the feature and lead the discussion to scope the work so that all requirements are made transparent to the organization
- Ensured all implementation was properly tested using Jest to test React components, JUnit to test the back end service calls, and Cypress for integration tests

Orbis Investments

Software Developer Intern

September 2021 – April 2022

Vancouver, BC

- Developed an internal web application that provides analytical stock information for quant analysts to analyze and pick undervalued stocks
- Implemented the web application using Angular and added features such as a code editor to edit analytics queries with custom syntax highlighting and code suggestions to streamline the decision making process for quant analysts
- Developed an internal REST web API using C# on ASP.NET 6 to provide a single source of truth for the company's portfolio structure, resulting in over 100 hours saved every time the company needs to update their portfolios

University of Toronto

Teaching Assistant - Introduction to Computer Science

September 2018 – May 2019

Toronto, ON

- Co-lectured to a class of approximately 150 students to teach computer science fundamentals using Python
- Hosted office hours to mentor students one on one, resulting in overall improvement in their grades
- Communicated with a team of TAs in meetings to provide feedback to the course instructor and helped improve overall course content delivery

TECHNOLOGIES AND LANGUAGES

- Languages: Python, Java, TypeScript, C#, JavaScript, C, C++, Haskell, HTML, CSS, UNIX/BASH, SQL
- Technologies: React, Angular, ASP.NET, Bootstrap, Flask, SQLite, Node/Express.JS, Android, AWS, Git, NumPy
- Other: Data Structures and Algorithms, Machine Learning

PROJECTS

FormAI Android Application – Hack The North

January 2021

- Developed an Android application using Google's pose detection library to determine if user is performing exercises with proper form
- Created a clean front-end user interface with basic navigation using XML and Java for the Android application

NBA Gacha Application

September 2020 – December 2020

- Created an application allowing for users to roll for NBA players to build their team roster
- Implemented in Java using object-oriented design for players/teams and used JUnit for test driven development