Elton Kok

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EDUCATION

University of British Columbia   **2020 – 2023 (expected)**
Bachelor of Computer Science, Fourth Year, cGPA: 4.30/4.33   Vancouver, BC

University of Toronto   **2014 – 2019**
Honours Bachelor of Science in Biochemistry, cGPA: 3.89/4.00   Toronto, ON

WORK EXPERIENCE

Orbis Investments   **September 2021 – Present**
Software Developer Intern   Vancouver, BC

- Developed an internal web application that provides analytical stock information for quant analysts to analyze and pick undervalued stocks
- Implemented 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 API using C# on ASP.NET 6 with a DynamoDB data store to provide a single source of information of how the company's portfolios are structured for internal services to use and rely upon

University of Toronto   **September 2018 – May 2019**
Teaching Assistant - Introduction to Computer Science   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, JavaScript, TypeScript, C#, 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

Reminder Email Bot   **July 2019**

- Developed a bot that emails members of the family gym plan to e-transfer the monthly amount to the payee
- Implemented with Python, GMail API, HTML/CSS, and AWS EC2 using Linux to set up the EC2 instance to create and send emails on a virtual cloud server

CSCB20 Website Redesign   **April 2019**

- Redesigned and added functionality to the old CSCB20 website which includes logging in with different user types and submitting remark requests/instructor feedback
- Implemented the back-end with an SQLite database and Flask as well as HTML/CSS/JavaScript for the front-end