

Elton Kok

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EDUCATION

University of British Columbia Bachelor of Computer Science, Fourth Year, cGPA: 4.30/4.33	2020 – 2023 (expected) Vancouver, BC
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University of Toronto Honours Bachelor of Science in Biochemistry, cGPA: 3.89/4.00	2014 – 2019 Toronto, ON
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WORK EXPERIENCE

Orbis Investments Software Developer Intern	September 2021 – April 2022 Vancouver, BC
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- 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
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- 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
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- 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
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- 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
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- 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
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- 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