

Elton Kok

✉ kokelton@student.ubc.ca ☎ 647 272 7759 📍 Stouffville, ON
in linkedin.com/in/eltonkok 🔗 EltonK888.github.io 🐙 github.com/EltonK888

EDUCATION

Univeristy of British Columbia

Bachelors of Computer Science (BCS), Third Year

Vancouver, BC

2020 – 2023 (expected)

University of Toronto

Honours Bachelors of Science in Biochemistry and Human Biology

Toronto, ON

2014 – 2019

- **Dean's List (2014 — 2019)** – Achieved a GPA of 3.50 or higher in most recent study term

EXPERIENCE

Advanced Technician - QC Raw Materials

Sanofi Pasteur Limited

Toronto, ON

September 2019 – Present

- Perform inspection, verification, and labelling ion incoming raw materials to ensure their integrity before production use
- Sample chemicals in grade C and D classified areas to provide testing material for QC labs in order to release raw materials for use in vaccine production
- Carry out Environmental Monitoring of classified areas using MAS units, Met-Ones, and streak plating to ensure bacterial/fungal/particle counts are within control

Teaching Assistant – Introduction to Computer Science

University of Toronto

Toronto, ON

September 2018 – May 2019

- 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 help improve overall course content delivery

PROJECTS

CSCB20 Website Redesign

🐙 github.com/EltonK888/CSCB20_Redesign

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

Hacker News Clone

🐙 github.com/EltonK888/hacker_news_clone

- Created a website that dynamically fetches top and new stories from the Hacker News API
- Front end implemented with **React** and **Bootstrap** while using the fetch API to send GET requests

Flappy Bird AI

🐙 github.com/EltonK888/Flappy_Bird_AI

- Developed a clone of the popular game Flappy Bird using **Python's pygame** module
- Utilized the **Python NEAT** library to create an AI that learns to play the Flappy Bird game perfectly

Reminder Email Bot

🐙 github.com/EltonK888/reminder_email_bot

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

Battery Recycling Organization (BRO)

🐙 github.com/EltonK888/TOHacks_2019_BRO

- Created a full-stack web application for the **TOHacks 2019 hackathon** which shows users where the nearest battery recycling location is
- Developed the application using **Python, Flask, HTML/CSS/JavaScript** as well as using the Google Maps API to show markers and determine a route to the selected recycling location

TECHNICAL SKILLS

- **Languages:** Python, C, JavaScript, Java, SQL, HTML, CSS, UNIX/BASH, MATLAB
- **Tools/Frameworks:** React, Bootstrap, Flask, SQLite, MongoDB, Node/Express.JS, AWS EC2, Git, UNIX/BASH, L^AT_EX