# Elton Kok

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## OBJECTIVE

To secure an internship in a software development role at an innovative company where I can apply and grow my technical skills

## EDUCATION

**Univeristy of British Columbia**                                        **Vancouver, BC**
*Bachelors of Computer Science (BCS), Third Year*                   *2020 – 2023 (expected)*
**University of Toronto**                                                    **Toronto, ON**
*Honours Bachelors of Science in Biochemistry and Human Biology*            *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**                                **Toronto, ON**
*Sanofi Pasteur Limited*                                *September 2019 – September 2020*
- Performed inspection, verification, and labeling on incoming raw materials to ensure their integrity before production use
- Sampled 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
- Carried 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**                     **Toronto, ON**
*University of Toronto*                                        *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

**Flappy Bird AI (⊙ github.com/EltonK8888/Flappy_Bird_AI)**                       *2020*
- Developed a clone of the popular game Flappy Bird using **Python's pygame** module and used Python NEAT library to create an AI that plays the game perfectly

**Battery Recycling Organization (⊙ github.com/EltonK8888/TOHacks_2019_BRO)**       *2019*
- Developed a full-stack web application which shows users where the nearest battery recycling location is using **Python, Flask, HTML/CSS/JavaScript** and Google Maps API for the **TOHacks 2019** hackathon

**CSCB20 Website Redesign (⊙ github.com/EltonK8888/CSCB20_Redesign)**              *2019*
- Redesigned and added functionality to the old CSCB20 website which includes logging in with different user types and submitting remark requests/instructor feedback using **Flask, SQLite, HTML, CSS, and JavaScript**

**Hacker News Clone (⊙ github.com/EltonK8888/hacker_news_clone)**                  *2019*
- Created a website that dynamically fetches top and new stories from the Hacker News API using **React** and **Bootstrap**

**Reminder Email Bot (⊙ github.com/EltonK8888/reminder_email_bot)**               *2019*
- Developed a bot using **Python, GMail API, HTML/CSS, and AWS EC2** that emails members of the family gym plan to e-transfer the monthly amount to the payee

## 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, LaTeX

## References

Available on request