KAVPREET GREWAL

kavpreetgrewal@gmail.com | kavpreetgrewal.com | github.com/kavpreetgrewal

EDUCATION

University of British Columbia, Computer Science | GPA: 92 /100   *2019 - 2023*
Coursework: Software Construction, Computer Science Fundamentals, Discrete Mathematics
Awards: J Fred Muir Scholarship in Science - Awarded to the top ∼35 students in cohort

EXPERIENCE

Software Developer   **Typescript, React, Express.js**
UBC Launch Pad - Sofware Engineering Club   *September 2020 - Present*

- Work on building a recruitment and club application tool to streamline entire recruitment process
- Develop software from concept to completion in a professional, collaborative environment with a team of developers, designers, and strategists

Mentor - Programming Team   **Java, LabView**
L.A. Matheson Robotics   *September 2019 - Present*

- Mentor team of **7** programmers during their participation in the **FIRST Robotics Competition**
- Teach high school students programming fundamentals in Java and LabView

Programming Team Lead   **Java, LabView**
L.A. Matheson Robotics   *September 2017 - June 2019*

- Led team of 5 programmers during team's participation in the FIRST Robotics Competitions
- Programmed and formulated strategies for autonomous operation of the robot
- Led team during run at the 2019 **FIRST World Championship** in Houston in which we placed **5th** out of nearly 8000 teams worldwide

PROJECTS

OnTrack - Time Tracker   **Dart, Flutter, Firebase**
iOS and Android app   *2020 - Present*

- A time tracking and hours logging app built using Flutter and with user authentication and database support using Firebase
- Allows users to track daily hours towards their weekly, monthly, or yearly goals
- Stores a record of logged hours associated with user's account for easy access on any device

Touchless Webpage Scroller   **JavaScript, TensorFlow**
Browser Extension   *2020 - Present*

- A browser extension built with JavaScript and TensorFlow handtracking which allows users to scroll webpages without touching their device
- Utilizes TensorFlow handtracking to enable users to scroll by simply raising one or both of the hands

SKILLS

Programming	Java, JavaScript, Typescript, Dart, HTML, CSS, MATLAB, R
Technologies	Flutter, Express.js/Node.js, React, Firebase, TensorFlow, Git
Soft Skills	Problem-Solving, Leadership, Communication