# Kavpreet Grewal

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## EDUCATION

**University of British Columbia**　　　　　　　　　　　September 2019 – December 2023
*Bachelor of Science in Computer Science – GPA: 93 / 100*　　　　　　　　　*Vancouver, B.C*
- Coursework: AI/ML, Computer Networking, Algorithms and Data Structures, Computer Systems
- Awards: Y.P. Heung Foundation Award in Science – Awarded to the top 6 students in cohort of 2000 students

## TECHNICAL SKILLS

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|---|---|
| **Programming** | Java, JavaScript, C++, Python, TypeScript, SQL, HTML, CSS |
| **Technologies** | Node.js, Express.js, React, GraphQL, MongoDB, Flutter, Firebase, Git |

## EXPERIENCE

**Databricks**　　　　　　　　　　　　　　　　　　　　　　　Incoming May 2023
*Software Engineer Intern*

**Robinhood | Kleiner Perkins Fellowship**　　　　　　September 2022 – December 2022
*Software Engineer Intern*　　　　　　　　　　　　　　　　　　　*Python, React*
- Designed and developed a centralized platform for the management of customer support agents' roles and permissions
- Reduced repetitive manual updates and inconsistencies of skilling data between Twilio and Salesforce by enabling bulk skilling updates and syncing data between the platforms

**Facebook**　　　　　　　　　　　　　　　　　　　　　　May 2022 – July 2022
*Software Engineer Intern*　　　　　　　　　　　　　　　　　*C++, Apache Thrift*
- Developed the calling state machine for VoIP calls between businesses and consumers on WhatsApp Business to help build the foundation for a new multibillion-dollar revenue stream
- Overhauled the Cloud API VoIP server to support multiple simultaneous calls by running multiple processes

**Rivian**　　　　　　　　　　　　　　　　　　　　September 2021 – April 2022
*Software Engineer Intern*　　　　　　　　　　　　　　　*TypeScript, React, GraphQL*
- Spearheaded development of the parts ordering and payments flow with Stripe for the Enterprise Services platform
- Improved developer experience by writing a script to automatically generate test service orders with various statuses

**Fractional**　　　　　　　　　　　　　　　　　　　June 2021 – September 2021
*Software Engineer Intern*　　　　　　　　　　　　　　　*TypeScript, Next.js, GraphQL*
- Worked on developing a social platform for fractional ownership of real estate investment properties
- Led the end-to-end design and implementation of a new property governance feature to allow users manage their investment properties directly on the platform

**UBC Launch Pad**　　　　　　　　　　　　　　　　September 2020 – Present
*Software Developer*　　　　　　　　　　　　　　*TypeScript, Node.js, React, MongoDB*
- Developed a recruitment and club application tool to streamline the recruitment process for student clubs
- Implemented a system to parse applicants' information from a Google Sheet and store the data in MongoDB database
- Reduced application review time by 25% by developing a REST API using Express.js to generate applicant profiles from a Google Sheet, which could then be reviewed and directly graded on the web application

## PROJECTS

**Notify – SMS News** | Hack the North | *JavaScript, Node.js, MongoDB*
- Designed an application to send news article summaries by SMS to those without reliable internet access
- Reduced news article and text summarization requests by 15% by caching search results in MongoDB database

**OnTrack – Time Tracker** | *Dart, Flutter, Firebase*
- Developed an iOS and Android application using Flutter to help users log hours towards their goals

**Touchless Webpage Scroller** | *JavaScript, TensorFlow*
- Built a browser extension with JavaScript to enable users to scroll webpages without touching their device