DHRUV MITTAL

1B Candidate for Honours Bachelor of Computer Science with Software Engineering Specialization

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Summary of Qualifications

- Proficient in **Java** and **Python** with **3 years** of programming experience, also familiar with **Swift**, **Dart**, and **C**
- Experienced with **Android Studio**, **Xcode**, **Flutter**, **Firebase** and **Git**, through various team projects
- Comfortable in **leadership** and **decision-making** roles having led multiple clubs and projects
- Flexible and very adaptable having lived in 5 countries
- Adept at public speaking developed through debating in Model United Nations and won the **best debater in Thailand** award

Projects

SurveyTree   *Waterloo, Canada*

Delta Hacks, McMasters University   *Jan 2020 - Present*

- Built a custom survey cross-platform app using **Flutter** and Dart to assess customer satisfaction for various companies
- Utilized a **Firebase** database to store and retrieve data from **Firestore** collections and documents

UWScheduler   *Waterloo, Canada*

Starter Hacks, Waterloo University   *Jan 2020 - Present*

- Created a web app UI using **HTML** and **CSS** with the Angular framework to optimize student course schedules
- Implemented the Request library to **scrape** websites and handle **JSON** responses to store web data
- Integrated the **Flask** microframework to connect front end with the Python back end

Student Delegate Feedback App   *Bangkok, Thailand*

Personal Project, Bangkok Patana School   *Aug 2018 – Feb 2019*

- Developed an Android app that allows students to give feedback on a range of issues, enhancing the student voice
- Utilized the **Retrofit Java library** to handle HTTP requests from a database
- Compiled summary reports of the surveys in a locally stored **CSV file** to provide the leadership team with quantitative and qualitative data to support their efforts to enhance student life

Experiences

Patana Development Bank   *Bangkok, Thailand*

Personal Project, Bangkok Patana School   *Oct 2018 – Mar 2019*

- **Founded** a micro-finance social enterprise which raised funds to provide loans to underprivileged families
- Presented to the **Board of Directors** to create a financial infrastructure to support the sustainability of the club's future
- Organised Bangkok's first interschool hackathon to raise over **$3000**

STOP Human Trafficking Club   *Bangkok, Thailand*

Service Club, Bangkok Patana School   *Jan 2018 – Feb 2019*

- Led weekly club meetings as the **co-president** and delegated tasks across various club departments
- Liaised with an international NGO and the board of finance to organise and transfer club funds
- Raised over **$5000** by organizing and participating in numerous fund-raising events

ShopClues   *Delhi, India*

Internship, e-commerce start-up   *July 2016 – Aug 2016*

- Redesigned the log-in **UX design** after analyzing market competition to decrease log-in time
- Remodelled the check-out process to encourage faster consumer purchases
- Compiled a user analysis on popular types of promotions to attract new customers

Interests

Debate and Model United Nations (MUN)
- Participated in 12 international MUN conferences winning multiple best delegate awards

Football (Soccer)
- Member of my high school football team for 2 years

Keyboard (Piano)
- Played the keyboard for 4 years as a hobby