

# Jagdeep Singh Hundal

97961257 [jagdeep@u.nus.edu](mailto:jagdeep@u.nus.edu) [GitHub](#) [LinkedIn](#) [Portfolio](#)

## EDUCATION

### National University of Singapore (NUS)

- Bachelor of Computing (Computer Science), Honours
- Current GPA: 3.68 / 5.00

Aug 23 – Dec 26  
[Expected]

### Temasek Polytechnic (TP)

- Diploma in Business Studies, Specialised in Finance and HR
- Cumulative GPA: 3.93/4.0 (Certificate of Merit)

Mar 18 – Mar 21

## TECHNICAL SKILLS

- Programming Language:** Python, Javascript, Java (OOP), C, HTML, CSS, Dart
- Software Framework:** React, NodeJS, Flutter, Numpy/Scikit
- UI/UX Design Tools:** Figma, Photoshop

## WORK EXPERIENCE

### Republic of Singapore Air Force, Platoon 2<sup>nd</sup> In-charge

- Participated as the 2<sup>nd</sup> in charge of an RSAF Platoon in 3<sup>rd</sup> Divisional Air Defence Battalion as a full Lieutenant
- Acted as a safety officer for 5 conducts from which I received a safety award for coming up with a contingency plan for what could have been a safety incident
- Participated in a tri-national exercise in Thailand in 2023, Exercise Cope Tiger from which I was responsible and in charge for a platoon size of 20

Sep 22 – Jul 23

## PROJECTS

### Neural Network 2D Number Recognition (Deep Learning)

- Created a Neural Network from scratch using only Python, Numpy and Pandas Library
- Able to recognise drawings of 2D images of numbers with up to 90% accuracy
- Applied Object Oriented Programming in creating a library that replicates PyTorch

Jul 24 – Aug 24

### Telegram Bot Finance Tracker,

- Used Python and Python-Telegram-Bot Library to create a telegram bot designed to receive real time updates on companies financial information, such as share price, EBITDA etc
- Utilises BeautifulSoup library to perform web scrapping and Python's Yahoo Finance Library to gather information on the backend

Jul 24 – Aug 24

### IOS / Android Chatting Application

- Used Flutter library and Dart to create an application to allows users to sign in with Google and Apple ID to chat with one another
- Worked with Google Firebase and the Firestore library to facilitate server side and backend database synchronisation and storage

Nov 24 – Dec 24

## Awards

### Sword of Honour, 126/21 OCS RSAF Batch

- Was awarded the highest honour in my commissioning parade as the best ranked Officer Cadet which was bestowed upon me by Dr Vivian Balakrishnan, Minister of Foreign Affairs
- Led a platoon size worth of 60 officer cadets during the final term, consisting of 6 weeks leading up to the commissioning parade
- Facilitated communications amongst the cadets with the senior officers
- Delegated and managed the division of responsibilities amongst the cadets

Dec 21 – Sep 22