

VARDHAN LOHIA

@ vardhan001@e.ntu.edu.sg

+65 89253069

Singapore

in [Linkedin](#)

[GitHub](#)

[Vardhan Lohia](#)

EDUCATION

Nanyang Technological University

Bachelors of Engineering in Computer Science

Jul 2021 – Dec 2024

Singapore

- Core CGPA: 4.7 /5.0
- Accelerated Bachelor's Programme

DPS International School

Science and Mathematics

Apr 2012 – Jan 2021

Singapore

- SAT Subject: 2380/2400
- A Levels: 4 A*; IGCSE: 4 A* & 5 A

EXPERIENCE/INITIATIVES

Nanyang Technological University

Undergraduate Researcher

August 2022 – May 2023

Singapore

- Parameterized simulation to explore diversified self-propelling molecules.
- Extensive use of OOP within the C++ environment to facilitate intr-particular interactions aiming real-life solutions.

KSPV Group

Co-Founder

Mar 2020 – Jan 2021

Singapore

- Outreach included to over 15,000 entities and influencers to create awareness and support for online learning. Raised over \$10,000 in two days for Khan Academy.

Govinda International

Engineering Intern

Nov 2019 – Jan 2020

India

- Built and Configured 4 Computer Systems and designed the website for live streaming of corporate event.

CERTIFICATION & TRAINING

Core Certifications

- [AWS Specalization](#)
- [Python Data Structures](#)
- [Using Python to Access Web Data](#)
- [Capstone: Retrieving, Processing, and Visualizing Data with Python](#)
- [Applied Social Network Analysis in Python](#)

Engineering Experience

- [Goldman Sachs Engineering Program](#)
- [JP Morgan Chase & Co. Software Engineering Experience](#)

HONORS & AWARDS

Chief Group Leader - School of Computing

- Head of Committee for Orientation Programme Club; Recruited and led 10 individuals to run university orientation for freshmen.

NTU Science and Engineering Merit Scholarship

- This scholarship awards Full Funding for the Undergraduate Programme: awarded based on academics, Co-Curricular and Leadership.

Recipient: NTU President Research Scholar Award

Student Council 2019-20

- Member of the Student Council and Co-Captain of the School Sports Committee

LANGUAGES

English

Hindi

German

French

TECHNICAL SKILLS

C/C++

Ruby

Python

AI

NLP

HTML

Linux

SQL

AWS

CSS

Java

JavaScript

Deep Learning

Tensorflow

RELEVANT COURSES

- Data Structure and Algorithms (A+)
- Data Science and AI (A)
- Computational Thinking (A+)
- Higher Probability and Statistics (A+)
- Higher Discrete Mathematics (A+)

PROJECTS

Bling (For visually impaired individuals)

- Developed a SMART cane using arduino and an asstive app which perform Obstacle Detection, Live Environment Tracker, Text Reader

Zank

- A neobanking platform, facilitatings lending, collateralizing by leveraging cryptos

Wine Quality Analysis

- Data analysis using Machine Learning and Artificial Intelligence to model factors for wine quality.

FindR

- Cross-platform price comparison website for Computer Science Course.

Student Volunteer - National Library Board

- Helped over 200 elderly customers with technology employed by library.