

# VARDHAN LOHIA

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Singapore

in [Linkedin](#)

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## 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, 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

Kolkata, West Bengal

- 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.