

# Maddhav Suneja

New York, NY | ms14565@nyu.edu | (917) 858-0235 | linkedin.com/in/maddhav-suneja | maddii28.github.io

## EDUCATION

**New York University (Tandon School of Engineering), New York, NY** May 2027

Bachelor of Science in Computer Science

Relevant Coursework: Introduction to Programming and Problem Solving, Data Structures and Algorithms, Object-Oriented Programming, Principles of Data Science, Data Analytics and Visualization, Data Analysis, Calculus I & II, Introduction to Engineering and Design

**K.R Mangalam World School Gk-2, New Delhi, ND** 2018 - 2022

CBSE Board Diploma

- SAT Superscore - 1510; Overall GPA – 3.84

## SKILLS

- Programming Languages: Python, C++, SQL, HTML
- Libraries: Flask, TensorFlow, Matplotlib, OpenCV, Pandas
- Other Tools: REST API, Heroku, AWS, Blender, Autodesk, Excel, Tableau, Figma

## EXPERIENCES

**DSSD (Data Science for Sustainable Development) | Python, Flask, Pandas** Sep 2024 – Present

- Partnering up with DSSD to develop a Minimum Viable Product of the central repository for Nonviolent Peaceforce International (NP), aiming to enhance their data management and accessibility.
- Collaborating with a team of 6-people to program and design the repository, ensuring it enables crowd-source techniques and mobile friendliness.

**Lockabox | TensorFlow, Python, Blender, Raspberry Pi, Laser Cutter** Feb 2024 – May 2024

- Developed a text-detection software to detect the text from a phone screen using a Raspberry Pi camera.
- Collaborated in a 3-person team to integrate raspberry pi, pi-camera, solenoid locking mechanism, beeper and LED-touch screen into a lockbox.
- Presented to a class of 30 showing how the lockbox will act as a physical barrier from phones but also considering emergencies through text-detection technology.

**Finlitify | Python, Flask, Wolfram LongAnswers API** Dec 2023

- Integrated LongAnswers API into the backend framework to develop a text-response based learning experience.
- Collaborated within a team of 3 people to create a user-centered financial literacy platform.
- Won Best WolframAlpha Hack Award at HackNYU 2023 out of 100+ participants.

**SSDC (Space Settlement Design Competition) | Blender, Autodesk, Excel, Tableau** Aug 2020 - Dec 2021

- Headed the structures department to develop engineering proposals of various transit and planetary space settlements.
- Modeled and Rendered 3d designs of settlement structures using blender and handled interdepartmental communication within the team of 10.
- Secured 2<sup>nd</sup> position in the Indian Round, 1<sup>st</sup> in the Asian Round and 2<sup>nd</sup> in the International Round.

## COMMUNITY SERVICE

**Hamari Pehchan NGO internship** May 2022 – June 2022

- Led 'Sukhad' (Menstrual Hygiene) project through different social media platforms and successfully raised \$820/- by doing multiple rounds of online fundraising.
- Wrote article drafts for the campaign that ultimately, got printed in the 'Hindustan Times'.

**Abhinandan Education and Welfare Society** May 2020 – Nov 2021

- Taught English to underprivileged kids (aged 10 - 15) online.
- Recognized by the neighborhood society with a service award.