

# Neharika Boddakayala | COMPUTER SCIENCE INTERN

📧 [GithubNeharika](#) | 📞 647.324.9373 | ✉ [nehab2mail@gmail.com](mailto:nehab2mail@gmail.com) | [LinkedIn Neharika](#)

## Objective

As a Computer Science Intern, I have a solid understanding of data analysis, deep learning(AI), and cybersecurity. I am prepared to apply these skills effectively in a demanding environment, aiming to make meaningful contributions.

## Skills | Abilities

Programming Language	Python, Java Script, SQL, Deep Learning(AI)
Project Management	MS Visio, MS project ,MS Excel, MS Word
Database	MS Access
Concepts	AI, Object-Oriented Programming, Agile
Statistics and Data Visualization	PowerBI

## Experience

### Research Intern “Journal of High School” [Github Code](#) | [Paper](#) 2023

- The research paper introduces an innovative Deep Learning (AI) approach utilizing data analysis to identify and categorize instances of no mask, correct mask usage, and incorrect mask usage.
- The Deep Learning (AI) method incorporates transfer learning by using pretrained VGG-16 weights, reducing training time and improving detection precision when implemented in Python.
- Achieved an outstanding 97.43% classification accuracy by analyzing Real-World Masked Face dataset and Face Mask Detection datasets.
- Contributed to public health efforts during the COVID-19, utilizing data analysis to identify and categorize mask-related instances.

**Skills:** Python · Convolutional Neural Networks (CNN) · Manuscript · MS Word · MS Excel

### UN Delegate “Model United Nations” (MUN) 2022- 2023

- As a Model UN delegate, I represented Guyana on the Disarmament and International Security Committee, advocating positions in debates with an 80% alignment to official foreign policy.
- Conducted in-depth research and analysis on Cyber Security for well-informed positions in debates.
- Worked alongside delegates from 20 different nations, I co-drafted three resolutions on cyber security, with 75% of my proposed amendments incorporated into the final committee documents.

**Skills:** Interpersonal Communication · Collaboration · Debate · Analytical Skills · Research Skills

### Tutor “Best Brain” 2020- 2023

- Aligned English grammar lessons with test specs, resulting in a 20% boost in student test performance.
- Developed personalized French vocabulary strategies for students, resulting retention rates by 10%.
- Created fun and engaging activities to build foundational math skills in my elementary students, resulting in a 12% increase in basic arithmetic fluency in one semester.

**Skills:** · Teaching · Planning · Scheduling · MS Word · MS Excel

## Education | Certifications | Achievements

Mentor College Secondary School	2018 - Present
Toronto Model United Nations: TMUN	2022 - 2023
Microsoft Office Specialist Certificate (MS Word, MS Excel...)	2021
Honors With Distinction, Mentor College	2018 - 2022

## References

Dr. Christopher Anand (Professor, McMaster University)	<a href="mailto:anandc@mcmaster.ca">anandc@mcmaster.ca</a>
Meysam Effati, PhD (Assistant Professor, UOT)	<a href="mailto:meysam.effati@utoronto.ca">meysam.effati@utoronto.ca</a>
Jacob Park-Adair (TMUN)	<a href="mailto:Jacobpark@tmun.ca">Jacobpark@tmun.ca</a>
Madia Sidiky (Director, Heart Comonos Community)	<a href="mailto:madia.sidiky0@gmail.com">madia.sidiky0@gmail.com</a>