

**Contact:**

nehab2mail@gmail.com

647-324-9373

[LinkedIn Neharika](#)

[Github Neharika](#)

**Dear Hiring Manager,**

Beyond tasks, I am looking for an environment that fosters employee development. From your open-door policy to the team's collaborative spirit. Can't wait to discuss how my strong understanding of data analysis, AI, and cybersecurity, along with my readiness to learn and contribute, positions me well for your team.

**My Technical Skills and Relevant Experience:**

- **Data Analysis and AI Expertise:** At the "Journal of High School," I used Python to develop a powerful deep learning model to identify mask usage with 97.43% accuracy. This project directly helped public health efforts during the COVID-19 pandemic, my ability to apply technical skills to real-world challenges.
- **Project Management and Communication:** As a UN Delegate at the "Model United Nations," I honed my collaboration, communication, and problem-solving skills. By working with others, I co-drafted three resolutions on Cybersecurity and had 75% of my proposed amendments incorporated. This experience demonstrates my ability to work effectively in teams and communicate ideas clearly and drive solutions.
- **Mentorship and Teaching:** As a Tutor at "Best Brain," I helped students improve 20% performance boost and retention rates by developing personalized learning strategies. This experience honed my ability to explain concepts and tailor to the individual needs of the students which resulted in a 12% increase in basic arithmetic fluency.

**Additional Qualifications:**

- **Programming:** Python, JavaScript, SQL, and Deep Learning frameworks.
- **Software Tools:** Skilled in MS Visio, MS Project, MS Excel, MS Word, and PowerBI for data visualization.
- **Technical Knowledge:** Deep understanding of AI, Object-Oriented Programming, Agile methodologies, and data visualization.
- **Academic Achievements:** Microsoft Office Specialist and Honors with Distinction at Mentor College, demonstrating my commitment to excellence and learning.

Thank you for your time and consideration. I look forward to discussing my qualifications further in an interview.

Sincerely,

Neharika.

# NEHARIKA BODDAKAYALA | COMPUTER SCIENCE INTERN | RESUME

📧 [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

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