

# Nandini Mehta

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## EDUCATION

### Thapar Institute of Engineering and Technology

Bachelors Computer Science CGPA: 8.74/10

Patiala, Punjab, India

Aug. 2020 – May 2024

### Amity International School

Senior School Aggregate: 96.25%

Sector-46, Gurugram, India

April. 2018 – March 2020

### Ryan International School

Secondary School Aggregate: 97%

Sector 31, Gurugram, India

April. 2014 – March 2018

## EXPERIENCE

### Software Development Engineer Intern

MSB Docs

January 2024 – Current

Chandigarh

- Backend development using Java, SpringBoot

### Software Developer Summer Intern

Mennr.tech, United States (link)

June 2023 – August 2023

Remote

- AI Sales Education Platform.** User personalised with gamified features
- Chatbot developed using **LLM GPT-3.5 turbo** and **Falcon 7b Instruct** for best learning experience. Used **Pinecone** as database to store custom embeddings from Muse.AI with **qLora quantization**.
- Technology used: Python, LangChain, HuggingFace, Gradio, Selenium

## CLUBS AND SOCIETIES

### Core Member

Owasp Thapar Student Chapter, TIET

October 2020 – June 2022

Tech Club

- Content writer, UI designer, Event Management

## PROJECTS

### SkimLit | Python, Tensorflow, Keras, NLTK, Pandas

[Link](#)

- Developed neural network model to classify sections of big paragraphs
- Used character and positional embeddings to increase accuracy

### Topsis Python Package | Python

[Link](#)

- Developed a package for TOPSIS, method used for solving Multiple Criteria Decision Making problems
- Published the package on pypi.org (link)

### Mashup | Python, PyDub, MimeBase

[Link](#)

- Developed a python program that creates mashup of songs in a zip file and sends it by mail

## TECHNICAL SKILLS

**Languages:** C/C++, Python, SQL, JavaScript, HTML/CSS, R

**Libraries/Frameworks:** LangChain, Huggingface, NumPy, Pandas, Tensorflow, Keras, NLTK, Selenium, BeautifulSoup

**Developer Tools:** Github, Visual Studio, Anaconda, Matlab, Tableau, Figma, Adobe Illustrator

**Databases:** RDBMS, MySQL

## HONORS & AWARDS

Recipient of **Merit Scholarship** from Thapar Institute of Engineering and Technology

Solved 450+ DSA questions on Leetcode and GeeksForGeeks to improve problem solving skills

Winner of **HackOwasp 3.1** with best idea and best UI design

**HacktoberFest** open source contributor for the season 2022

Winner of **Izhaar Duet Singing Competition** for the year 2022 and 2023 at TIET

Winner of **Scholar Award** for outstanding Academic Performance in Amity International School

## CERTIFICATION

NLP with Sequence models- **Coursera**

Advanced Computer Vision with tensorflow- **Coursera**

Data Visualisation in R with ggplot2- **Coursera** (Github link)

Cisco Network Essentials- **Cisco**