

NAAVYA SETHI

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EDUCATION

New York University

B.A in Computer Science and Data Science, Minor in Mathematics

New York, NY

Expected May 2027

- **GPA:** 3.36/4.00 | **Activities:** NYU Data Science Club, Tech@NYU member, NYU Blockchain & Fintech club mentee
- **Relevant Coursework:** Data Structures, Computer Systems Organization, Discrete Mathematics, Data Management & Analysis

St. Mary's School

- **Indian School Certificate (ISC):** Aggregate - 95% (Computer Science - 99%, Chemistry - 93%, Mathematics - 92%)
- **Indian Certificate of Secondary Education (ICSE):** Aggregate - 98.6% | **AP:** Calculus - 5/5, Computer Science - 5/5

TECHNICAL SKILLS

Programming Languages: Python, Java, C, Dart, Solidity, LaTeX

Tools and Technologies: Github & Git, Jupyter, Flutter, Gephi, Pitchbook, Figma, Excel, Android Studio, Capital IQ, Kaggle

Libraries: Pandas, Numpy, Scikit-Learn, Matplotlib, Pillow

PROFESSIONAL EXPERIENCES

Ernst & Young

Data Analytics Intern

Pune, India

May 2023 – July 2023

- Analyzed and extracted big data (135+ GB) from a proprietary transaction database using Machine Learning algorithms in Python
- Created a model that identified fraudulent transactions by using Linear and Logistic Regression, Random Forest and decision trees
- Enhanced efficiency and pattern identification of the model by implementing the basics of the XG - Boost algorithm on the data

Blockchain & Fintech Club, NYU

Development Team Shadow

New York, NY

Sept 2023 – Jan 2024

- Embedded & launched a zero knowledge proof dApp with the Aleo team using the Leo programming language for cryptography
- Structured a report on the integration of Web3 into scalable applications to raise funding for potential dApps to be built by the club
- Shadowed & troubleshooted for the development team to facilitate building a full stack poker dApp on the decentralized web

Strategic Venture Society, NYU

Venture Team Analyst

New York, NY

Sept 2023 – Jan 2024

- Accepted alongside 11 others into NYU's premier Venture Capital and Tech club program after an application cycle of 300+ students
- Conducted fundamental analysis on early & growth stage startups, and performed an in depth overview of the robotaxi industry
- Pitched & sourced 3 generative AI startups to a panel of 12+ members using figma & Capital IQ to project their financial landscapes

PROJECTS

Data Detection Model

Python, NLP, Kaggle, Jupyter

Pune, India

March 2023 – April 2023

- Scraped trade data for exports in the winery industry to analyze parameters using data frames in pandas and create visualizations
- Utilized natural language processing and the decision trees algorithm to classify and label 1800+ data points into undirected data
- Engineered the undirected data to create graphs and visualizations for analytics and interpretation using the Gephi software

Research Paper - "Establishing visual and aesthetic models using generative art"

Co Author & Research Assistant

Pune, India

June 2022 – Aug 2022

- Co-Authored & pilotied a paper under the guidance of Dr. Bharuchha, an ex Prof. at UMaryland using Restaurant Network analysis
- Employed qualitative research to analyze 'Zomato' data sets and data archive of all restaurants with star ratings of similar cuisine
- Integrated libraries such as Pandas, Numpy, Scikit-Learn, Matplotlib, Network, NDLib, NLTK, PyTorch for data discovery & analysis

Transformer model of a mental health chatbot

Neural Networks, Python, Google Collab

Pune, India

Dec 2021 – Jan 2022

- Collaborated & shadowed Mr. Christian Cardozo, a former lecturer at MIT to build a transformers model of a mental health chatbot
- Employed the recurrent neural networks (RNNs) and long short term memory networks (LSTMs) framework to build a bot interface
- Trained the model on various datasets for multiple epochs to help strengthen the accuracy as well as tested the model with prompts

LEADERSHIP

The Buffer Project

Founder

Pune, India

March 2022 - 2023

- Launched a platform to have conversations with developers, engineers & tech founders about their journey through building projects
- Interviewed 30+ top professionals like founders of Zerodha(No.1 brokerage firm in India), QuickHeal(No.1 Cybersecurity in India)