ANUSHA RAVI PATIL

401 Washington Blvd ⋄ Jersey City, NJ 07310

(917) · 667 · 5600 ⋄ arp624@nyu.edu

EDUCATION

New York University, New York   *May 2021 (Expected)*
Center for Data Science, Masters in Data Science
Relevant Coursework: Optimization and Computational Linear Algebra, Probability and Statistics for Data Science, Machine Learning, Big Data, Natural Language Understanding

Ramaiah Institute of Technology, Bengaluru, India   *June 2017*
B.E. in Electronics & Communication Engineering, First-Class Honors
Relevant Coursework: Data Structures, Operating Systems, Linear Algebra

EXPERIENCE

Data Science Summer Incubator, NYU   *June 2020 - August 2020*
Graduate Research Assistant   *New York*
· Developed an inversion model that takes in audio embeddings from OpenL3 and produces reconstructed audio
· Introduced counter measures like Quantization to preserve privacy in reconstructed audio by worsening inversion

Verzeo   *September 2018 - December 2018*
Data Science Intern   *India*
· Used NLP techniques to implement a Q&A system using SQuAD using sentence embeddings.
· Worked on database management and implementation for the Q&A system using MySQL Workbench

42hertz   *August 2017 - February 2018*
Data Science Intern   *India*
· Was assigned the role of Acting Project Manager to oversee the development and deployment of a recommendation app on Shopify App store [Click here to see the app](#)
· Used Pareto/NBD to calculate Customer Lifetime Value for an e-commerce music store 'CDNow' ⦿

Indian Institute of Astrophysics   *June 2016 - August 2016*
Research Intern   *India*
· Data Analysis: Analyzed emission lines in the spectral data of a classical nova using IRAF ⦿

PROJECTS

Flight Delays Prediction
· Developed a framework to predict flight delays based on past data and achieved 0.78 AUC using ensemble methods

Fine-tuning RoBERTa for Content Moderation on Reddit ⦿
· Wrote a paper on implementing an automatic comment-flagging system using BiLSTM and RoBERTa models
· The RoBERTa model fine-tuned on a labeled dataset of flagged comments achieved an accuracy of 77.19% and recall value of 0.875

EXTRAS

Attended the NYC WiMLDS: Intro to PyTorch workshop hosted by Facebook AI
Secured first place in the Datathon organized by Understood.org, hosted by NYU Center for Data Science
I maintain a blog where I document my journey in Data Science. [Click here to read](#)

SKILLS

Languages	Python, Java, C++, Matlab, SQL
Relevant Tools	MySQL Workbench, Google Colaboratory, TensorFlow, PyTorch, scikit-learn
	Git, LaTeX