

Nav Unnikrishnan

nav.unnikrishnan@nyu.edu — (971) 409-8775 — github.com/navunni — New York, NY 10009

EDUCATION

New York University, Gallatin School of Individualized Study

Sep 2022 - May 2026

Bachelor of Arts (BA), Data Science & The Ethics of Innovation

Relevant Coursework: Decision Models & Analytics, Statistics (Policy), Human-Centered Product Design, Ethics & Technology, Introduction to Computer Science, Foundations of Information Technology, Principles of Financial Accounting, Data: A History

Activities: NYU Stern Business Analytics Club, NYU Gallatin STAC Student Leader, Albert Gallatin Founders Fund

Honors: NYU Undergraduate Research Grant (\$1500)

EXPERIENCE

NYU Langone Health Evaluation & Analytics Lab

New York, NY

Undergraduate Research Assistant

March 2024 - Present

- Built a data dashboard for the city to present the predicted risk of hospitalization and emergency department use, improving health access for the homeless population in NYC.

New York University

New York, NY

Undergraduate Research Assistant

Jul 2023 - Sep 2023

- Investigated digital privacy and data moderation in Twitter v. Taamneh, yielding a comprehensive report on user privacy versus platform responsibility.
- Analyzed 50+ court proceedings and legal arguments using Lexis & Westlaw, delivering insights on the interplay between user rights and platform duties.

Neiro.ai

San Francisco, CA

Product Management Intern

Jun 2023 - Aug 2023

- Conducted 15+ user interviews, enhancing UX research and guiding AI avatar and voice feature development.
- Collaborated with the product team, advancing AI avatar and text-to-speech (TTS) technology.
- Spearheaded product roadmaps, boosting customer satisfaction by 40% through enhanced AI communication solutions.
- Implemented optimization strategies for application design, increasing user engagement by 10% and revenue by 5% with advanced avatar customization.

Frich Money

New York, NY

Business Development and Growth Intern

Jan 2023 - May 2023

- Evaluated 30+ startups, providing critical market insights to support informed financial decision-making in the social finance sector.
- Forged partnerships with 5 NYC startups, boosting Frich's market presence and user engagement in the social finance ecosystem.

PROJECTS

Applying Q-Learning To Sealed-Bid Auctions

Sep 2023 - Dec 2023

- Collaborated in applying Q-Learning to sealed-bid auctions, executing over 10,000 simulations to refine agent bidding strategies and decision-making.
- Co-developed and enhanced learning models in auction scenarios through PyTorch, leading to more effective and strategic agent behavior in bidding processes.

Topic Modeling and Violence In Los Angeles County

Jan 2023 - May 2023

- Analyzed violent crime trends in Los Angeles County by processing 23 million tweets using BERTopic, revealing significant patterns and insights.
- Employed advanced NLP techniques and PCA to efficiently extract actionable data from Twitter's API, enhancing trend analysis accuracy.
- Translated technical data analyses into a comprehensive report, providing insights for urban crime prevention and policy development.

Spotify Song Popularity Predictor

Oct 2022 - Dec 2022

- Examined a decade of Spotify data with Pandas and NumPy to predict and visualize song popularity, achieving an R^2 of 0.446 using linear regression and decision tree models.
- Identified key predictors of genre-specific song popularity through feature importance analysis, enhancing model accuracy for targeted insights and music production strategies.

SKILLS

Technical: Python, SQL, HTML/CSS, JavaScript (intermediate), Java (basic), Agile, A/B Testing, CAD, Scrum, SDLC

Libraries: BeautifulSoup, Matplotlib, NumPy, Pandas, PyTorch, Scikit-learn, Selenium, TensorFlow

Tools: Jira, Figma, Fusion 360, Lexis, Microsoft Excel, Minitab, MySQL, PowerBI, SPSS, Stata, Tableau, Westlaw