

# Navaneeth Unnikrishnan

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## EDUCATION

### New York University

B.A. Individualized Study (Data Science & Ethical Innovation Systems)

Sep 2022 - May 2026

- **Relevant Coursework:** Data Structures, Linear Algebra, Decision Models & Analytics, Human-Centered Product Design
- **Honors:** NYU Rising Sophomore Research Fellowship, NYU Wasserman Center Internship Grant, Letter of Commendation

## EXPERIENCE

### Wells Fargo

Incoming Consumer Lending Analyst (Rotational) Intern

Phoenix, AZ

Sep 2024 - Present

### NYU Grossman School of Medicine - Health Evaluation & Analytics Lab

Research Assistant

New York, NY

May 2024 - Present

- Developed a Python script with Google Maps API to calculate travel distances and used R to analyze NYC shelter usage and homeless population, optimizing accessibility data.
- Conducted literature reviews on housing data and health disparities, synthesizing findings from 20+ sources to aid city evaluation projects.
- Co-authoring a research paper on socio-economic factors driving high substance usage and addiction rates in disenfranchised communities, using data from 30+ studies and policy reports.

### New York University - Gallatin School of Individualized Study

Undergraduate Research Assistant

New York, NY

Jul 2023 - Sep 2023

- Analyzed digital privacy and data moderation in Twitter v. Taamneh, producing a 16-page report on user privacy vs. platform responsibility.
- Examined 50+ court proceedings and legal arguments using Lexis & Westlaw, extracting key insights on user rights and platform obligations.

### Neiro.ai

Product Management Intern

San Francisco, CA

Jun 2023 - Aug 2023

- Conducted 15+ user interviews to gather qualitative data, informing UX research and guiding AI avatar and voice feature development.
- Developed and maintained product roadmaps, leading to a 40% increase in customer satisfaction with enhanced AI communication.

## PROJECTS

### Applying Q-Learning To Sealed-Bid Auctions | Python (Matplotlib, NumPy, Pandas, PyTorch), Git Sep 2023 - Dec 2023

- Applied Q-Learning to sealed-bid auctions, executing 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 | BERTopic, Python, Selenium, Twitter API Jan 2023 - May 2023

- Analyzed violent crime trends in Los Angeles by processing 23 million tweets with BERTopic, revealing significant patterns and insights.
- Utilized advanced NLP techniques and PCA to extract actionable data from Twitter's API, enhancing trend analysis accuracy.

### Spotify Song Popularity Predictor | Python (Matplotlib, Scikit-learn), Spotify API, Figma 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 song popularity through feature importance analysis, improving model accuracy for targeted music production strategies.

## ACTIVITIES

### Albert Gallatin Founders Fund | Board Member

April 2024 - Present

- Manage \$25K student-run venture fund operations, strategic decisions, and investment memos for grant recommendations.

### NYU College Access Leadership Institute | Peer Mentor

May 2024 - July 2024

- Guided high school seniors and reviewed their college applications, providing mentorship and support for college readiness.

## SKILLS

**Languages:** Python, SQL, R, Java, HTML/CSS, LaTeX

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

**Frameworks:** A/B Testing, Agile, Product Management, Scrum, SDLC

**Tools:** Azure, CAD, Excel, Figma, Git, Jira, Minitab, Power BI, Salesforce, SPSS, Stata, Tableau