

# DENNIS FRENKEL

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## EDUCATION

### Fordham University Lincoln Center

New York, NY

*B.S. in Computer Science, Minor in Economics*

*Expected May 2026*

- **Honors:** Dean's List, Loyola Scholarship, Carolyn Dursi Cuniffe Presidential Scholarship
- **Clubs and Involvements:** Commuter Association, Blockchain and FinTech, Cybersecurity Club

**Relevant Coursework:** Computer Science, Data Structures, Info and Web Programming, Database Management Systems, Computer Organization, Computer Algorithms, Discrete Structures, Data Communications and Networks, Calculus

## RESEARCH AND ACADEMIC PROJECTS

### StrategiMinds: A Dynamic Number Game

- Architected a flexible player class system adhering to object-oriented principles, streamlining code architecture, and promoting reuse, which reduced bug occurrences and facilitated smoother feature integration
- Developed and implemented a number guessing game in C++ featuring player configurations, interactive gameplay loops, and intuitive user interface, resulting in positive user feedback and enhanced engagement

### AHU Dataset Analysis for Energy Efficiency

- Analyzed 250K+ data points to identify anomalies and correlations within the AHU system. Suggested optimization techniques through actionable insights based on temperature, fan power, and valve position data
- Leveraged Pandas and Python to help filter through the data and identify temperature anomalies and fan power consumption trends

## EXPERIENCE

### Pharmacy Data & Operations Technician

New York, NY

*Vera Pharmacy*

*January 2022 – Present*

- Streamline data collection processes on an hourly, weekly, and monthly basis, facilitating detailed analysis, leading to 15% fewer stockouts and a 10% boost in monthly sales
- Extract and analyze PrimeRx data using SQL, identifying key trends in over 1000+ active patient profiles and prescriber behavior, implementing quality checks to ensure 100% compliance with regulatory standards
- Implemented robust quality control measures, including data validation techniques, to ensure accurate prescription entries and minimize errors, thereby streamlining future audits and maintaining compliance with industry standards

### Logistics Intern

New York, NY

*Bullion Exchanges*

*May 2023 – September 2023*

- Implemented and maintained comprehensive company spreadsheets, tracking 1,000+ product listings and market trends, ensuring data accuracy through constant market research
- Scraped 10+ online platforms for pricing data, optimizing product listings with competitive pricing and boosting revenue

### Teaching Assistant

New York, NY

*Stephen A. Halsey*

*January 2019 – February 2022*

- Explained vital coding concepts, helped students learn basic programming skills, and assisted students with projects in Scratch and Wix
- Conducted guided coding tutorials with 25+ students per session, resolving technical issues and enhancing project quality, leading to an improvement in overall learning and coding proficiency

## LEADERSHIP AND OTHER ACTIVITIES

### IT Coordinator

New York, NY

*National Society of Leadership & Success*

*March 2024 – Present*

- Engineered and maintained IT and AV systems for NSLS events, ensuring flawless execution and reducing technical downtime
- Managed email infrastructure, creating and overseeing 100+ .edu accounts to streamline communication and operations

### Software Engineering Fellow

New York, NY

*Headstarter AI*

*July 2024 – Present*

- Spearheaded the Entrepreneur Track initiative for the group, generating 5 innovative tech concepts while collecting user feedback from over 150 participants
- Engineered a fully responsive personal website with HTML/CSS and Git, integrating Google Analytics to monitor performance metrics; achieved an average session duration of 3 minutes, indicating increased user interest

## SKILLS

**Computer/Technical:** C/C++, SQL, CSS/HTML, Git, JavaScript, Python, Pandas, Tableau, Excel, Wireshark, VS Code, Spyder, Google Workspace, Network Security, Project Management, Market Research, Microsoft Office (Excel, Word, PowerPoint, Outlook, Teams), Google Workspace

**Languages:** English, Russian, Belarusian, Ukrainian, Spanish