DENNIS FRENKEL

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EDUCATION

Fordham University Lincoln Center   *B.S. in Computer Science, Minor in Economics*

New York, NY   *Expected May 2026*
- **Honors**: Dean's List, Loyola Scholarship, Carolyn Dursi Cunniffe Presidential Scholarship
- **Clubs and Involvements**: Commuter Association, Blockchain and FinTech, Cybersecurity Club

Relevant Coursework: Data Structures, Info and Web Programming, Database Management Systems, Computer Organization, Operating Systems, Theory of Computation, Computer Algorithms, Data Communications and Networks, Calculus, Statistics

RESEARCH AND ACADEMIC PROJECTS

Cryptocurrency Portfolio Manager
- Developed a full-stack cryptocurrency portfolio management application integrating the CoinMarketCap API for live pricing and OpenAI API to generate personalized recommendations, with functionality for tracking and managing transactions, including timestamps and detailed records
- Utilized MySQL Workbench to design a secure database for storing user and transaction data and implemented interactive data visualizations with Chart.js to provide intuitive insights into portfolio performance

AHU Dataset Analysis for Energy Efficiency
- Analyzed over 250K+ data points using Python and Pandas to identify temperature anomalies and correlations, proposing system optimizations based on fan power and valve position data to improve energy efficiency
- Produced an analytical report on AHU energy efficiency, using Excel and Tableau to visualize KPIs and deliver actionable recommendations for optimizing system operations

EXPERIENCE

Pharmacy Data & Operations Technician   *Vera Pharmacy*

New York, NY   *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
- Implement 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   *Bullion Exchanges*

New York, NY   *May 2021 – September 2021*
- Implemented and maintained comprehensive company spreadsheets, tracking 1,000+ product listings and market trends, ensuring data accuracy through constant market research
- Prepared and processed data files using Excel, developing formulas and templates to ensure data accuracy and efficiency, while supporting company-wide projects across various teams

Teaching Assistant   *Stephen A. Halsey*

New York, NY   *January 2019 – February 2022*
- Taught coding concepts, programming skills, and assisted students with projects using 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   *National Society of Leadership & Success*

New York, NY   *March 2024 – Present*
- Engineer and maintained IT and AV systems for NSLS events, ensuring flawless execution and reducing technical downtime
- Manage email infrastructure, creating and overseeing 100+ .edu accounts to streamline communication and operations

Software Engineering Fellow   *Headstarter AI*

New York, NY   *July 2024 – October 2024*
- 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, JavaScript, and Git, integrating Google Analytics to monitor performance metrics; achieved an average session duration of 3 minutes, indicating increased user interest

SKILLS

Technical Skills: C/C++, MySQL/SQL, CSS/HTML, Git/GitHub, MIPS, PHP, JavaScript, Python, Pandas, Spyder, Heroku, Tableau, Wireshark, VS Code, MS Office (Excel, Word, Powerpoint, etc.), Network Security, Project Management

Languages: English (Native), Russian (Native), Belarusian (Fluent), Ukrainian (Intermediate), Spanish (Intermediate)