

Arish Kodnaney

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EDUCATION

Northeastern University - B.S. in Computer Science and Finance

Aug. 2025 – May. 2029

Relevant Courses: Program Design and Implementation (Advanced Python), Discrete Structures, Introduction to Info Systems and Technology, Financial Accounting and Reporting, Profit Analysis for Managers and Advisors.

Sophomore Academic Standing (41 credit hours prior to current semester)

TECHNICAL SKILLS

Python, Java, HTML/CSS/JS, Django, Pandas, Render, Git/GitHub, SQL, OpenAI API, Anthropic Python SDK

PROJECTS

News Data Analytics Application | Python, Pandas, Matplotlib, REST APIs

[GitHub](#)

- Developed a news aggregation tool leveraging NewsAPI to fetch and analyze articles from multiple endpoints via the requests library; Created object-oriented classes for API authentication and article data modeling.
- Built data visualization features to track the frequency of keywords across fetched publications using matplotlib and Pandas DataFrames
- Implemented comprehensive unit testing to ensure code reliability.

Data Analytics - RateMyProfessor | Python, Pandas, Matplotlib

[GitHub](#)

- Analyzed a dataset of 20,000 reviews submitted on RateMyProfessors.com over 17 years to identify gender bias in language using Matplotlib statistical data visualization.
- Developed complex nested dictionary data structures to organize data across a custom framework for analysis.
- Built an interactive data visualization tool with Matplotlib to allow for comparison of word usage trends.

EduBank | Python, Django, SQLite, Render, OpenAI API

[GitHub](#)

- Architected a full-stack Django webapp for career & technical data storage for high schools with RBAC and CRUD operations, enabling administrators to manage school partnerships.
- Developed a secure authentication system via session-based user management with CSRF token validation.
- Designed relational SQLite database schema with Django ORM (Object-Relational Mapping) for storage of partner institution records.
- Integrated OpenAI API with README-embedded documentation access for intelligent user assistance.

WORK EXPERIENCE

Barista - Starbucks Coffee Company, Ellington, CT

Oct. 2024 – Aug. 2025

- Crafted specialty coffee & blended drinks, worked POS systems, Drive-thru, resolved customer issues, and more.
- Trained multiple new baristas and shift managers.

IT Intern – Next Level IT, Tolland, CT

Jun. 2023 – Aug. 2023

- Software & Hardware support & troubleshooting including upgrades, data conversion, networking issues, OS clean up, laptop builds, and validation of faulty hardware for recycling purposes.

LEADERSHIP / SPORTS / EXTRA CURRICULAR

Officer - Interact Club, South Windsor High School

Aug. 2021 – Jun. 2025

- Facilitated high-quality community service activities throughout Greater Hartford as an officer.
- Coordinated and spoke at monthly keynotes with 70+ members in attendance.
- Maintained relationships with hosts in need of volunteers and oversaw committee presidents.
- During tenure as Officer, the Interact Club was the largest club at South Windsor High School (over 200 members).

Coding & Programming Team Head - FBLA, South Windsor High School

Sep. 2023 – May. 2024

- Led the coding and programming team for the development of EduBank,
- Placed 2nd place in the state and qualified for nationals.
- Attended regional/national events for the club, such as the Fall National Leadership Conference in Providence, RI.

Instructor - iCode School of Coding, Manchester, CT

Jun. 2024 – Aug. 2024

- Tutored elementary & middle school students in block coding, Python, and other basic programming classes.
- Assisted with homework assignments and quiz preparation.

Lead Captain, Varsity - Boys Cross Country, South Windsor High School

Aug. 2021 – May. 2025

- Led team through its highest membership season in my high school's history, with a record 46 members.
- Assisted coach in the selection of co-captains, ran off-season practices, hosted team socials, and collaborated with other sports teams for joint events.