

BEN ARONOW

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650 Columbus Ave, Boston MA 02118 | Available July 2023 - December 2023

Education

Northeastern University, Khoury College of Computer Sciences

Aug. 2021 - May 2025

Bachelor of Science in Computer Science Candidate

GPA: 3.74/4.00

Major: Computer Science (Concentration in Software)

Honors: Dean's List (Jan. 2022 - Present)

Relevant Courses: Object Oriented Design, Algorithms and Data Structures, Database Design, Foundations of Data Science, Fundamentals of Digital Design and Computer Organization, Foundations of Cybersecurity

Technical Knowledge

Languages: Java, Python, SQL, Javascript

Systems: MacOS, Linux

Projects

Stock Market and Twitter Correlation Analysis | Python

Jan. 2022

- Pulled information about a stock's performance as well as its prevalence on Twitter during a given day to compare from the Polygon API and the Twitter API using the Tweepy Client respectively
- Determined high correlation through Linear Regression, Random Forest Regression, and Support Vector Machine Regression test methods, and performed cross-validation using GridSearchCV

Image Processor | Java

Dec. 2022

- Allowed users to import and export photos to and from the photo editor from their computer
- Features included color transformations, image flipping, blurring/sharpening, and finally dimension alterations
- Implemented image masking such that only sections of images could be edited, thus allowing for edit previews
- Utilized Java Swing to design a user-friendly interface through which all program functionality was made accessible

Experience

Camp Counselor, Minnesota JCC Sabes Center | St. Louis Park, MN

June 2019 - Aug. 2022

- Actively engaged children in myriad activities such as sports, music, gardening, and arts and crafts
- Built and strengthened positive relationships with students and their parents as well as the other teachers
- Provided emotional support to kids who were homesick or struggling to get along with fellow campers and performed first aid on injured campers, communicated with parents about issues with campers

Office Assistant, Northeastern University | Boston, MA

Jan. 2022 - May 2022

- Handled responsibilities to keep office work running smoothly such as distributing mail and deliveries
- Facilitated communication between students, professors, and administration

Extracurricular Activities

Volunteering: Habitat for Humanity (2017 - Present), Second Harvest Heartland (2016 - 2021), Breakthrough Collaborative: LearningWorks (2020 - 2021)

Interests: Software Design and Development, Trail Running, Hiking, Legos, Mario Kart