

# Corey An

Boston, MA | (201)-753-1210 | [an.co@northeastern.edu](mailto:an.co@northeastern.edu)

Website: <https://coreyan1234.github.io/> | <https://github.com/coreyan1234>

## EDUCATION

**Northeastern University**, Boston, MA

September 2019 – Present

Khoury College of Computer Sciences

GPA: 3.76/4.0

*Candidate for Bachelor of Science in Computer Science, 2024*

**Relevant Coursework:** Fundamentals of Software Engineering, Algorithms & Data, Object-Oriented Design, Database Design, Computer Systems, Foundations of Data Science, Foundations of Cybersecurity, Discrete Structures, Calculus 1-3

**Honors:** Dean's List

**Activities:** Alpha Kappa Sigma Fraternity, Study Abroad (N.U.in Greece)

## TECHNICAL KNOWLEDGE

**Languages:** Java, Python, Apex, HTML, CSS, JavaScript, TypeScript, MySQL, Shell-Programming, C, Git, R

**Applications:** Salesforce, Jira, GitHub, Snowflake, Tray.io, VSCode, Jupyter Notebook, MySQL Workbench, RStudio

## WORK EXPERIENCE

### Drift

Boston, MA

*Business Systems Engineer*

July 2022 – December 2022

- Automated user permissions assignment in Salesforce with Apex, optimizing the assignment process by 80%
- Constructed SQL queries in Snowflake to extract records and utilize Tray.io workflows to automatically populate object fields within Salesforce
- Updated old dependencies and removed unnecessary components to free up critical storage in Salesforce

### Simply Vietnamese Restaurant

Tenafly, NJ

*Cashier*

June 2020 – August 2020

- Engaged with customers over the phone and input food items into computer system
- Ensured all customers received their food items and accommodated any mistakes or issues
- Managed financial documents and logged customer transactions through digital system

## PROJECTS

### Personal Website

January 2022 – Present

- Developed and designed a personal website using HTML, CSS, and JavaScript in IntelliJ and is hosted on GitHub
- Website is interactive, dynamic, and includes further details about projects and experience

### NBA Most Improved Player (MIP) Award Prediction

November 2021 – December 2021

- Predicted the NBA's next MIP using Python and machine learning models via Scikit-Learn
- Extracted and cleaned datasets of various players with the Pandas library to be used for model training/testing
- Analyzed prediction results after training and tuning machine learning algorithms

### Image Processor

June 2021 – July 2021

- Built an image processor with Java that applies visual modifications to images of various types (PNG, JPEG, PPM)
- Implemented a GUI with Java Swing for users to upload images and choose modifications such as blur and sharpen
- Created tests for each function using JUnit to easily locate bugs and ensure each component is working properly

### FreeCell Solitaire Game

May 2021 – June 2021

- Designed a Solitaire game with Java using a Model-View-Controller design pattern and Object-Oriented principles
- Iteratively added new features to the game by expanding upon the already-existing code base
- Thoroughly tested all game functions with JUnit to achieve correct program behavior

## VOLUNTEER EXPERIENCE

### Englewood Hospital & Medical Center

Englewood, NJ

*Volunteer*

June 2018 – August 2018

- Accommodated patients' requests; socialized with long-term patients and families
- Transported patients, medical equipment, specimens, and samples throughout hospital

## INTERESTS

Gym | Reviewing Pizza | Basketball | Music: Hip-Hop, EDM, Alternative/Indie | Video Games