

Corey An

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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, HTML, CSS, Apex, JavaScript, TypeScript, React, 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