Minsuh Eric Lim

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SKILLS

Languages	Python, Java, C++, SQL, R, HTML, JS, CSS
Tech	Git, SVN, LaTeX, RMD, Quarto, Conda
Tools	JIRA, Jenkins, JUnit, Gradle, AWS, Tableau, D3, Plotly
Data Science	Pandas, Numpy, scikit-learn, scipy, TensorFlow, PyTorch, NLTK, matplotlib
Communication	English, Korean

TECHNICAL EXPERIENCE

Data Analyst   **Jul 2023 — Present**
Freddie Mac   *McLean, VA*

- Lorem ipsum dolor sit amet consectetur adipisicing elit. Delectus laudantium, voluptatem quis repellendus eaque sit animi illo ipsam amet officiis corporis sed aliquam non voluptate corrupti excepturi maxime porro fuga.

Software Development Engineer (internship)   **May 2022 — Aug 2022**
Amazon   *Nashville, TN*

- Deployed data flow of existing prediction models to a new AWS database by creating SQL queries to generate inputs for prediction models in this new database
- Reduced AWS S3 bucket storage needs by 55% by refactoring prediction models to require a shorter time frame for generating forecasts
- Refactored the Java backend to allow API calls and DJS jobs to handle different data types, allowing for more flexible future use cases
- Initiated documentation process for technologies set-up, which would accelerate the onboarding process for future hires

PROJECTS

Machine Learning Portfolio   **May 2022**

- Conducted data science and analytics project on gender equality in the U.S. by observing educational, occupational, and societal metrics with supervised and unsupervised machine learning models
- Gathered data from websites, such as Wikipedia and Twitter, and government sources, such as the Bureau of Labor Statistics and the Census Bureau, by creating Python scripts, making API calls, and data mining.
- **Techniques:** Data Mining, Data Wrangling, EDA, Machine Learning

Hans Niemann Cheating Scandal Statistical Analysis (group project)   **May 2022**

- Performed statistical analysis to provide insight on the validity of Magnus Carlsen' cheating allegations against Hans Niemann
- **Techniques:** EDA, Shapiro-Wilk, Kruskal-Wallis, Linear Regression, Multicollinearity tests, Bootstrapping, T-tests

Georgetown Disruptive Tech Website Management   **May 2022**

- Refactored the old Georgetown Disruptive Tech website from HTML to React to facilitate transition to AWS hosting

Media Playlist Simulator (group project)   **Dec 2021**

- Implemented a Spotify-like app that stores users' log-in information and respective playlists of songs, movies, TV shows, and podcasts

ATM Simulator (group project)   **Dec 2021**

- Developed the functions of an ATM, such as handling users' banking details, depositing/withdrawing money, and sending spending reports, using Agile/Scrum Software Development strategies

Cinema Booking Simulator (group project)   **Dec 2021**

- Created a Cinema Booking System that kept a record of movies being shown at cinemas in different locations, number of seats available, and the transactions linked to each ticket sold using Agile/Scrum Software Development strategies

EDUCATION

Georgetown University   **Aug 2019 — May 2024**
Bachelor of Science in Computer Science, Minor in Statistics (GPA: 3.6)   *Aug 2019 — May 2023*
Master's Degree in Data Science and Analytics (GPA: 4.0)   *Aug 2022 — May 2024*