Drew Edgette

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EXPERIENCE

Junior Data Engineer | *Wall Street Access*   *Feb 2022 – Present*

- Designed and developed a Django-based web interface hosting regulatory compliance tools, significantly improving efficiency and greatly reducing manual workload for the Chief Compliance Officer.
- Developed and implemented an ETL process using Python and SQL to standardize and automate financial data extraction, ensuring consistency across multiple custodians and enhancing data accessibility.
- Leveraged Python and SQL to streamline the firm's regulatory reporting, simplifying processes for SEC Rule 605/606, CAT, and other filings, leading to improved reporting accuracy for compliance leadership.

PROJECTS

GameGuess | JavaScript   *2023*

- Designed and developed an interactive map-based game where users explore photospheres rendered with Pannellum.js and guess Skyrim locations using a Leaflet.js map interface.
- Built a full-stack system with React, Material-UI, Express, and MySQL, enabling features like user authentication, challenge creation, ratings, and dynamic generation of randomized challenges.

SDOS | Swift   *2020*

- Developed an iOS application to calculate the degree of separation between actors and my friend Alex using IMDb and Instagram data, showcasing advanced data integration and algorithm implementation.
- Combined web-scraped Instagram data with the IMDb dataset into a graph-based node structure, enabling the application to efficiently locate the shortest path using the breadth-first search (BFS) algorithm.

SKILLS

LANGUAGES:	Python, SQL, C++, JavaScript, Java, Swift, PHP, Perl
FRAMEWORKS & LIBRARIES:	Django, React, Leaflet, Matplotlib, OpenCV, Tkinter
TOOLS & PLATFORMS:	AWS (S3, EC2, RDS), MySQL, SQL Server, Git, Linux, Xcode, NodeJS

EDUCATION

B.S. Computer Programming and Information Systems   *May 2021*

Farmingdale State College

GPA:	3.6
COURSES:	Java Programming, Python Programming, Website Development, Data Structures & Algorithms, Systems Analysis & Design, Management Information Systems, Perl Programming, IOS Application Development, SQL Databases, Unix Operating System