

# Dylan McGoldrick

dylanmcgoldrick@gmail.com

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## SKILLS

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**Languages:** Python, Java, JavaScript, Swift, C, C++, HTML, CSS, SQL, Assembly

**Databases:** PostgreSQL, MongoDB, Neo4j, Firestore

**Frameworks:** React.js, Node.js, PyTorch

**Technologies/Methodologies:** Git, Firebase, REST APIs, NumPy, Pandas, Agile, Scrum

## EXPERIENCE

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### Open Source Contributor - Stumpless

December 2023

<https://github.com/goatshriek/stumpless>

- Successfully submitted and merged pull requests to Stumpless - a C, C++, and Rust logging library starred and forked 800+ times on GitHub.
- Excelled in reading and comprehending extensive project documentation to understand the architecture, coding conventions, and project guidelines.
- Acquired CI/CD experience and improved Stumpless' global reach by seamlessly integrating new language localizations into the application.

## PROJECTS

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### Our Common Music - ReactJS, Firebase, Spotify API

August 2022 - August 2023

<https://ourcommonmusic.com>

- Granted Quota Extension by the Spotify Developer Team, a high-performance React application leveraging the Spotify API to extract users' top 50 tracks and artists.
- Led a team of 4 in processing and analyzing 1000+ data points, optimized data retrieval processes to ensure seamless integration with Spotify's API.
- Presented the Web App to 30+ students, professionals, and department heads, receiving commendation for API integration and impactful data visualization, leading to enhanced user satisfaction.

### Personal / Portfolio Website - ReactJS, Bootstrap, Node.js, NASA API

September 2023 - October 2023

<https://dylmcgold.com>

- Designed and developed a responsive professional portfolio website highlighting key projects and professional experience, showcasing a comprehensive overview of skills and achievements in the field.
- Demonstrated proficiency in utilizing React's state management functionalities and React Hooks, ensuring efficient data handling and manipulation for enhanced website performance and user experience.
- Leveraged styled components to design and implement a visually appealing and seamless website, emphasizing intuitive user interfaces and streamlined functionality for improved user engagement and satisfaction.

### Neo4j Amazon Product Database - Cypher

August 2022 - December 2022

- Successfully imported a 980MB Amazon dataset into a Neo4j database, incorporating over 1,000,000 unique values, demonstrating proficiency in handling large-scale data and database management.
- Established and managed 200,000+ relationships between product and category nodes, ensuring efficient data retrieval and accurate representation of complex relational structures within the database.
- Executed 5 targeted queries, including identifying the highest number of reviews, highest prices, and product IDs, showcasing adept data analysis skills and the ability to derive meaningful insights from complex datasets.

## EDUCATION

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**Loyola Marymount University - LMU**

*Bachelor of Science in Computer Science*

**May, 2023**

*Los Angeles, CA*