MICHAEL DASCH

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SKILLS

Languages: JavaScript, Python, SQL, HTML, CSS
Frameworks/Tools: React/Redux, Pug, Express, Flask, Sequelize, SQLAlchemy, Postgresql, AWS, Heroku, Docker Git
Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Scrum Methodologies

PROJECTS

Instashow | *(React/Redux, Javascript, Python, Flask, SQLAlchemy, CSS, and Heroku)*   **Live** | **GitHub**
- Utilized **AWS** S3 to implement user image uploads reducing server load and allowing for scalability of image services.
- Created a dynamic user following system, with a **PostgreSQL** backend database, implementing a many-to-many connection between each user, that will update the current users' feed based on who they are following on the site.
- Designed custom **SQL** queries to backend API to fetch the necessary data allowing for a stable pooling infrastructure, and the ability to accurately handle complex queries/mappings.

Snacksy | *(React/Redux, Javascript, Python, Flask, SQLAlchemy, CSS, and Heroku)*   **Live** | **GitHub**
- Created a custom **PostgreSQL** database allowing for a small-scale e-commerce platform, allowing for optimal performance/uptime with user interaction.
- Implemented a shopping cart system, using the **Redux** store, where the application keeps a record of the items in their shopping cart allowing for data to persist when logging in and out.
- Worked with a team of 4 and maintained effective relationships with members and strategized day-to-day operations to complete the given task by the deadline.

Waveyy | *(React/Redux, Javascript, Express, Sequelize, PostgreSQL, CSS, and Heroku)*   **Live** | **GitHub**
- Created a custom modal component using **React**, allowing users to leave their reviews and rating for a particular beach.
- Developed a custom **PostgreSQL** database for organizing, maintaining, and pulling data from my backend API.
- Utilized a **Redux** store to allow for better management of the application's state and allowed for easier updating of information.

EXPERIENCE

Co-owner/Program Manager

SoCal Devils Club Team, LLC | San Diego, Ca   Oct 2020 - Present
- Coordinated day-to-day operations and administrative functions; player registration, tournament research, rosters, team fee, communication, scheduling, and social media for five teams, **115** players*,* and eight coaches.
- Created a safe and competitive environment by organizing day-to-day practice plans and ensuring that all players and staff and performing to their full capabilities physically and academically.
- Significantly increased student recruitment rate within the first year of the program by 80% while establishing connections with coaches nationwide allowing players to be better showcased.

Sports Performance Specialist/Trainer

Redline Athletics | San Diego, Ca   March 2021 - Dec 2021
- Utilized Microsoft **Excel** to design custom in-depth personal fitness plans for 10-20 individual clients monthly based on individual performance ability and/or specific sport.
- Performed in-depth fitness assessments before creating individual fitness plans, resulting in an increase in the client's physical capabilities.
- Guided clients in safe exercise practices allowing for a more overall safer working environment.

EDUCATION

AppAcademy - Rigorous, full stack web development program with less than 3% acceptance rate (Jan 2022- Aug 2022)
Colorado Mesa University - *Bachelor of Science, Health and Fitness Promotion, 3x RMAC Champion NCAA D2 Men's Lacrosse (2016-2019)*