Diana Le

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PROFESSIONAL SUMMARY

Software engineer with a strong foundation in Javascript, Python, SQL, and full-stack development, with a background in biology and healthcare. Transitioned into tech through App Academy's immersive program, building web applications using various tech stacks. I bring a unique perspective to problem-solving, with strong analytical skills and attention to detail honed through years of program management and medical scribing in the ER. My adaptability, continuous learning mindset, and collaborative nature allows me to approach challenges from a holistic and user-centric perspective.

EDUCATION

App Academy   **Sept 2024**
- Immersive software development bootcamp course with focus on full stack web development

University of California, San Diego • *Bachelor of Science in General Biology, GPA: 3.59* • San Diego, CA   **June 2018**

TECHNICAL SKILLS

SKILLS: Javascript, Python, SQL, HTML5, CSS3, React, Redux, Express.js, Express-Validator, PostgreSQL, Flask, SQLite, SQLAlchemy, Git, AWS, Socket.io, Figma, Node.js, Postman, Render, Sequelize

PROJECTS

UrbanSteps   [Code](#) • [Live](#) • Aug 2024
A fullstack application that connects dancers with dance studios that align with their preferred styles and skill levels
- Designed database schema to manage many-to-many relationships between classes and dance styles utilizing PostgreSQL, allowing the user to quickly search and filter for classes or studios based on skill level and style
- Optimized media management of user logos and studio images with AWS S3 to reliably manage user images
- Built wireframes using Figma, designed database schemas with dbDiagramIO, and created comprehensive API documentation to streamline MVP delivery, achieving initial backend API route delivery in under 3 weeks

X-Talk   [Code](#) • [Live](#) • July 2024
A Discord inspired fullstack chat application that supports real-time communication, server management, and user management
- Pioneered a team of 3 in resolving merge conflicts and addressing production deployment challenges in Render such as SQLAlchemy/PostgreSQL migration issues
- Established real-time messaging and instant user-reactions using SocketIO and emoji-picker library to connect a flask-based python backend with a react/redux frontend
- Configured a Docker-based production environment and resolved complex issues related to incompatible Python dependencies

Spirited Get Away   [Code](#) • [Live](#) • May 2024
An Airbnb inspired application with features including user authentication, property listings, booking management, and reviews
- Developed a booking algorithm in Node.js with Express-Validator to enforce unique booking dates, prevent overlaps, and handle time zone differences
- Crafted a custom, reusable star rating component in React that provided instant feedback on user selections and dynamically updated average rating of a spot
- Enhanced automated Postman test suite to include additional edge cases for backend Express.js API routes

WORK / VOLUNTEER EXPERIENCE

Volunteer Program Manager • *Asian Pacific Health Foundation* • San Diego, CA   **May 2021 – Sept 2022**
- Led team of 8 program coordinators and 3 interns, streamlining procedures and delivering 2 health screening events per month to the underprivileged communities in San Diego informing patients on their health
- Spearheaded partnerships with external organizations and healthcare providers, enabling success of monthly outreach events to enhance awareness of common public health issues to an average of 20-50 patients per month

Emergency Medicine Scribe • *Vituity America/Inscribe at Palomar Health* • *San Diego*, CA   **Jan 2019 – May 2022**
- Improved average ER patient wait time by 20% through collaborative efforts with nurses, physicians, and physician assistants
- Taught new employees and ER staff the new medical system used for tracking patients' medical histories and visits

Program Coordinator/Medical Outreach Volunteer • *Asian Pacific Health Foundation* • San Diego, CA   **Jan 2019 – June 2021**
- Organized monthly free health screenings to underserved populations that tested a variety of health conditions, informing on average 10 to 30+ patients per month
- Created standard of procedure manuals and online training modules to expedite training of incoming volunteers, improving time needed during setup stations at monthly health screenings by 50%   **June 2018**