

Brandon Tamayo

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SKILLS

TOOLS: Python, R, SQL, Excel, Java, EMR, Tableau, JavaScript, VBA, AWS, MS Teams, LucidChart, MS Office, Jira, Postman

TECHNICAL: Data analysis, Visualization, Scripting, Querying, Troubleshooting, Documentation, Agile, Resource Allocation, SCRUM

SOCIAL: Leadership, Strong communication, Technical Writing, Active listening, Customer service, Project Management, Meetings

PROJECT EXPERIENCE

Itsy (Fullstack Etsy Clone) • *Python* • *Flask* • *SQLAlchemy* • *React* • *Redux* • *OpenAI* • *HTML* • *JavaScript* [Code](#) • [Live](#)

- Directed work between a team of 4 software engineers, managing direction and workflow using wireframes, git version management, and daily standups to build and deliver a high-quality full-stack web application within two weeks.
- Designed a database model based on defined needs that allowed for ease of data access that allowed modification and return of processed data both from an internal API and a cloud server.
- Planned and implemented the system redesign supporting AWS S3 for storing and managing files in the database allowing for scalable, reliable, and secure data storage as well as improving product customization.
- Communicated with team and stakeholders to translate design plan into code and troubleshoot implementation and deployment of the web application while documenting ongoing issues.

WORK EXPERIENCE

Shiley Eye Institute of Ophthalmology • *Ophthalmic Technician* • La Jolla, CA **July 2020– Aug 2023**

- Coordinated a new clinic and adapted to the rapidly changing needs of the treatment plans by learning, researching, and training on the instruments and machines necessary, producing a steady-flowing clinic with ~95% patient satisfaction.
- Reconciled patient complaints by reflecting on potential flaws in the patient exam flow, supplementing weaknesses as needed, and maximizing our strengths when possible resulting in a 30+% improvement in clinic ratings.
- Maintained positive patient feedback for 80+ patients daily across multiple clinics by maintaining open communication at all levels in cross-functional teams to facilitate a smooth and effective visit for staff and patients alike.
- Created clear guidelines for patient imaging and data analysis using software tools, analyzing different factors that contributed to changes in image quality, allowing for consistent performance across all technicians.

Silver Medical Staffing • *Certified Nursing Assistant* • Chula Vista, CA **Dec 2019 – March 2020**

- Monitored the changing conditions and activities of 5-12 patients each shift, ensuring healthy lifestyle patterns and conveying any potential risks.
- Analyzed 10+ years of medical history for multiple patients at each facility, resulting in the administration of proper treatment and improved quality of life across the board.
- Coordinated and facilitated meetings and appointments across departments for groups of patients and providers, promoting a healthy social and professional environment for all parties involved.

EDUCATION

APP ACADEMY • Full Stack Software Development **Completed February 2024**
Intensive course on full-stack software development spanning both Python and Javascript languages and tools

University of California San Diego • *Bachelor of Science in Biochemistry and Cell Biology* • San Diego, CA **June 2021**