Marisela Vasquez

Education

Oregon State University | B.S, Computer Science (3.71/4.0 GPA) — Summer, 2024
Relevant Coursework: Data Structures, Web Dev, Algorithms, Databases, Software Engineering, Operating Systems, Assembly
Fresno State University | B.S, Public Health, Health Administration — Fresno, CA
Micro-Credential Certificate | Programming fundamentals — April 2023

Technical Skills

- **Languages**: Python, JavaScript, HTML
- **Frontend**: React, Material-UI, Vite, CSS
- **Backend:** Node.js, Express.js, REST APIs
- **Databases**: MongoDB, SQL
- **Tools**: Git/GitHub, PowerBI, Tableau, Excel, Web3Forms, Acrobat SDK
- **Other:** Data analysis, automation, scripting, reporting, team leading, project management, procedure documentation

Projects

My Portfolio | GITHUB: [Personal Portfolio](#) Website: [alesiram.github.io/my-portfolio](#)
- Developed a responsive portfolio website using JavaScript, React, Vite, Material-UI and Web3Forms, showcasing projects with dynamic layouts, reusable components, and custom dark/light theme toggle
- Integrated a contact form with Web3Forms API to handle submissions, implementing state base success/error alerts and validation for improved user experience
- Applied version control best practices with Git/GitHub, including branching, rebasing, and structure commit messages to manage iterative feature development and deployment

Form Automation | JavaScript (Acrobat), Adobe Acrobat SDK PDF Example: [Patient Health Questionnaire (PHQ-9)](#)
- Developed a scoring automation system for a standardized fillable PDF form using embedded JavaScript
- Leveraged Acrobat SDK scripting features to implement conditional logic, field validation and grouped scoring
- Based on real-world project to support clinical data reporting and streamline internal workflows

Workout Tracker | GITHUB: [Workout Tracker](#) Website: [https://easy-workout-tracker.netlify.app](#)
- Built a full-stack MERN fitness tracker with real-time analytics (total workouts, reps, heaviest weight)
- Developed modern React frontend using Material-UI for responsive UI
- Created REST API with Express + Node.js and connected MongoDB Atlas for cloud storage
- Deployed frontend on Netlify and backend on Render

Clock-Out Time Calculator | GITHUB: [Clock-Out Time Calculator](#) Website: [Clock-Out Time Calculator](#)
- Built a client-side React application using Vite, Material-UI, and Day.js to calculate clock-out times based on required work hours, shift start, and optional break periods
- Implemented accurate time-handling logic with support for midnight rollover, dynamic break calculations, and real-time output updates
- Deployed the fully front-end application to Vercel for fast, reliable access with no backend dependencies

Work Experience

Research Data Assistant – Pacific Clinics — 2017 – Current
- Collected, entered, and managed outcome data across multiple internal databases for internal and state-required reporting
- Performed routine data analysis using SPSS and Excel to generate monthly, quarterly, and annual reports for county reports
- Ensured data accuracy by reviewing discrepancies and collaborating with program leadership and county personnel
- Served as a primary point of contact for data entry support, reporting questions, and system updates
- Automated PDF-based clinical surveys using JavaScript, improving scoring consistency, and reducing clinician workload
- Developed standardized documentation for data entry, workflow processes, and quality checks
- Assisted in onboarding and supporting new staff with data systems and reporting procedures

Research Data Coordinator (Interim) – Pacific Clinics
- Supervised research staff, assigned workloads, and led bi-weekly meetings to track progress
- Led a full data migration of 400+ records, ensuring integrity and smooth system adoption
- Trained 13 staff members on new data systems, workflows, and reporting procedures
- Developed department-wide documentation on new processes and quality standards
- Coordinated a statewide survey initiative, overseeing data collection across 65+ programs

Involvement

Member of Latinas in RTC, SHPE, SWE, and Color Stack - Since 2022 | SHPE Conference Scholarship Recipient - November 2023