

Michelle Dang

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EDUCATION

California State Polytechnic University - Pomona

B.S. Computer Science

- **Relevant Coursework:** Analysis of Algorithms, UI Design and Programming, Object-Oriented, Computer Architecture, Mobile Application Development, Computer Networks, Numerical Method and Computing, Operating Systems
- **Relevant Organizations:** Computer Science Society, SheCodes, Software Engineering Association, BroncoHacks

WORK EXPERIENCES

AiTmed

Anaheim, CA

Web Developer/Designer

September 2024 - Present

- Develop and maintain responsive, accessible websites using Vue.js, HTML, CSS, and JavaScript to enhance user experience
- Convert wireframes and mockups into functional web pages using Figma and front-end frameworks
- Optimize website performance and load times by implementing efficient coding practices, improving speed by up to 34%
- Collaborate with cross-functional teams using Git to ensure seamless integration between design and development

AIPI PRO

Anaheim, CA

Software Quality Assurance Engineer

November 2024 - Present

- Conduct testing to identify, document, and track software bugs using issue-tracking tools to ensure timely resolution.
- Design and execute test cases to validate workflows, UI/UX, and system performance
- Collaborate with developers and product teams to refine requirements and improve software quality
- Analyze workflows to ensure seamless user experience and functionality across various scenarios

A&C Urgent Care

Anaheim, CA

Web Developer/Designer

January 2025 - April 2025

- Improved patient engagement by 40% by redesigning the homepage layout and implementing an online patient forms system
- Conducted SEO optimization using schema markup and meta tagging, increasing Google visibility and driving a 25% uptick in local search traffic within 3 months

Pacific Hand and Orthopedic Surgery Center

Anaheim, CA

Web Developer/Designer

January 2025 - April 2025

- Developed and launched a fully responsive website with user-friendly features using HTML, CSS, and JavaScript
- Increased online appointment bookings by 28% by implementing intuitive UI elements and mobile-optimized scheduling features

PROJECT EXPERIENCES

“BudgetBuddy” Web Application | React.js, HTML, CSS, Javascript, Python, SQL -

Product Manager and Developer

- Integrated an OCR API to implement a receipt scanner feature, allowing users to upload receipts and automatically extract expense data
- Created an interactive visual finance diagram to display users’ financial data, providing insights into their spending and earnings trends
- Designed and implemented an AI-powered finance chatbot to provide users with personalized financial advice and support
- Led and managed a team of 10 developers, ensuring successful coordination and timely completion of project milestones

Image Tagging | Python, TensorFlow, Keras - Developer

- Built an image classification system using Convolutional Neural Networks to identify fruits/vegetables with an accuracy of up to 98.97%
- Preprocessed and augmented a dataset of over 3,800 images from 36 classes to improve model performance and generalization
- Visualized training progress with plots for accuracy and loss metrics, demonstrating improvements over 25 epochs

“PickleBall Pals” IOS Application | Swift, SpriteKit - Developer

- Engineered a virtual pickleball game leveraging SpriteKit to deliver smooth, engaging gameplay with high-quality graphics and animations
- Developed a responsive UI supporting single and multiplayer modes with adjustable difficulty settings for a tailored experience.
- Implemented physics-based game mechanics for realistic interactions, increasing user satisfaction and engagement

SKILLS

Languages: Python, Java, JavaScript, Swift, HTML, CSS, PHP, SQL

Frameworks: React, JavaFX, SpriteKit, Node.js, Vue.js, Tailwind CSS

Development Tools: Visual Studio Code, XCode, Android Studio, Figma, Git, Github, PostgreSQL, Vite