

# Rene Rodriguez

A dedicated hardworking problem solver looking for a new challenge

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## Portfolio:

<https://react-portfolio-nvim.vercel.app/>

## EXPERIENCE

### Digital Nest | Modesto, CA — Software Development Associate

August 2025 - PRESENT

In this position I work with other interns to develop software and websites for clients using JavaScript, PHP, HTML, CSS, and WordPress.

### Mathnasium | Manteca, CA — Math Instructor

May 2025 - September 2025

Taught math concepts ranging from elementary algebra to calculus, adapting explanations to individual student learning styles. Communicated mathematical ideas in clear, structured ways to improve understanding and problem-solving ability.

### Classic Tree Service | Hickman, CA — General Laborer

May 2018 - PRESENT

Pick up branches, clean up messes, operate wood chipper and chainsaws, managing other workers.

### McDonald's | Waterford, CA — Crew Lead

November 2022 - August 2024

My responsibilities included dropping meat, making sandwiches, closing the grills in a safe and efficient manner, dealing with customers, and managing the people in the back so that things went smoothly.

## EDUCATION

### Modesto Junior College | Modesto, CA — Mathematics A.S-Transfer Degree

Expected Spring 2026

#### Relevant Coursework:

- **Computer Science:**  
Introduction to Programming, Programming I & II, Discrete Structures (planned)
- **Mathematics:**  
Calculus I–III, Linear Algebra (planned), Ordinary Differential

## SKILLS

Computer skills, Efficiency in reading, writing, and typing, fast learner, problem solver.

## TECHNICAL SKILLS

JavaScript, Python, C++, MySQL, CSS, Tailwind CSS, HTML, TypeScript, AWS, Express, Vite, ES6, React, MongoDB, Mongoose, Node.js, GitHub, PHP, WordPress, CLI

## AWARDS

**SEM Award**– a certificate for excellence in a science course at MJC for Math-171/ Calculus course

Equations, Statistics (planned)

**California State University, Stanislaus | Turlock, CA**  
***Planned Transfer — B.S. in Mathematics / Applied Mathematics /***  
***Computer Science***

Anticipated Start: Fall 2026

## **CERTIFICATIONS**

**UC Davis Continuing and Professional Education | Davis, CA**  
***Certificate in Full Stack Web Development***

June 2023 - December 2023

**Skills & Technologies:**

- Front-End: HTML5, CSS3, JavaScript (ES6+), jQuery, Bootstrap, React.js
- Back-End: Node.js, Express.js
- Databases: MongoDB, MySQL
- Other: Git/GitHub, RESTful APIs, responsive design, deployment basics

**Inductive University— Ignition Credential**

October 2025

- Completing modules in Ignition Designer, Tag Configuration, Alarming, Historian, MQTT, and Perspective HMI development.
- Learning SCADA system architecture, IIoT communication, scripting, and real-time data visualization.