Dulce Fonseca Chavez

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[LinkedIn Profile]

Executive Summary

A mathematics teacher with a heart for helping others turned software developer. Eager to build intuitive technology for educators and impactful for student learning. Passionate about bettering communities through technology and equitable education.

Skills

- Javascript
- MongoDB
- Express
- React
- Node
- HTML
- Google Workspace

- Ability to make complex and abstract concepts accessible to novice learners
- Strong commitment to professional development and self-reflection
- Facilitator of positive, collaborative environments
- Adaptable to changes in leaderships and work settings
- Team player who can take on a leadership role or be a supporting member
- Experienced in adjusting communication styles for a wide array of audiences
- Fluent in Spanish

Technical Training

Per Scholas through Activate Work

Sixteen week coding bootcamp

October 2022 - present

- Twenty-eight hours a week of online Javascript training using MongoDB, Express.js, React, and NodeJS as well as HTML and CSS
- Daily collaboration with peers to problem solve and troubleshoot to build monthly projects and weekly challenges
- Weekly career development training on communicating and presenting professionally, as well as how to develop emotional intelligence for fostering a good work environment

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Experience

Santa Ana Unified School District, Valley High School

Mathematics Teacher

September 2017- June 2022

- Exclusively used digital forms of communication and collaboration for the online learning school year of 2020-2021, including online video streaming through Zoom and Google Workspace
- Tracked and analyzed data trends for purposeful synchronous and asynchronous planning decisions for individuals and the whole group
- Continuous research and integration of technologies to enhance classroom efficiency and improve learning outcomes
- Held regular meetings with faculty and math colleagues to create lesson plans, assessments, and debrief progress of shared goals and vision
- Consistent dialogue with learners to help them understand content, instructions, and points of confusion, and create a positive learning space

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Volunteering

C3: Carrington Coding Camp Initiative

Volunteer

February 2019

- Mentored participants on how to use Scratch to program a Makerbot to travel a designated route
- Assisted in designing the navigation board for the Makerbot while considering physical limitations of resources and space, as well as the proper difficult level for the audience

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Education

California State University, Fullerton

Master of Arts in Mathematics
May 2020