

Maria Vallejo

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Knowledgeable Web Developer leveraging background in mechanical engineering brings front- and back-end design to promote organization-specific website presence. Thorough comprehension of complex HTML, CSS and JavaScript programming languages to generate custom webpage design. Earned a certificate in Full Stack Web Development from the University of Texas of San Antonio Coding Boot Camp. Innovative problem-solver who is passionate about game development with a focus on playtesting and development. Strengths in gathering, organizing and analyzing information, teamwork, and building projects from ideation to execution.

TECHNICAL SKILLS

Languages: JavaScript, CSS, HTML5, C++, MATLAB

Applications: GitHub

Tools: JQuery, Bootstrap, Bulma, solidworks, abaqus

PROJECTS

Low risk vacay | [GitHub-Repo](#) | [Deployed project](#)

- Summary: Promotional site for the great Flamenco dancer Lisa Botalico
- Role: JavaScript developer/Technical Support
- Tools: HTML, CSS, JavaScript, Bulma, API

Weather Dashboard | [GitHub-Repo](#) | [Deployed project](#)

- Summary: Weather app that provides current and future weather forecasts in cities.
- Role: Sole author
- Tools: HTML, CSS, JavaScript, jQuery, API, Bootstrap

Work Panner | [GitHub-Repo](#) | [Deployed project](#)

- Summary: A calendar application that allows you to save events for each business hour of the day.
- Role: Sole author
- Tools: HTML, CSS, JavaScript, jQuery

EXPERIENCE

Team Member

October 2017- April 2018

Bimbo Bakeries USA

Rockwall, TX

Integrate a New England style slicer (buns cut from the top) into a Hinge slicer machine (buns cut from the side) in order to interchange within the time limit of 7 to 10 minutes.

Key Accomplishments:

- Analyzed a spindle block from the machine by performing a Finite Element Analysis to extend its life cycles.

- Ensured the new design has the lowest cost for implementation and a low impact to the current process.

EDUCATION

Certificate, Full Stack Web Development – University of Texas San Antonio , TX

Bachelor of Science, Mechanical Engineering – St Mary's University San Antonio, TX