

Dianna Melendez Gomez

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Education

Bachelor of Science, Computer Science *May 2020* California State University, Sacramento

Courses: Advanced Algorithm Design and Analysis, Databases, Software Engineering/Project Management, Computer Networking/Architecture/Hardware System Design, Object-Oriented/Graphics/Systems Programming

Work Experience

Software Development Engineer | *Intel Corporation* | *2021 - present*

- Currently implementing backend and frontend services for project relating to IoT (add biz values)
- List other projects

Software Engineer Intern | *VSP Global* *August | 2019 – April 2020* • Developed an Angular web application that delivered vision insurance quotes to **1,000+** users • Established error-free code and ensured software follows business protocols by testing over **50+** features using JBehave, CucumberJS, and Selenium

- Refactored JBehave tests to use CucumberJS in order to follow Behavior Driven Development practices
- Implemented production level application using Spring Boot
- Deployed application to configured servers via Jenkins Pipeline to enable continuous integration

Project Experience

Cross-Platform Student Filtering Application

- Designed and developed a cross-platform app with a group using the Scrum agile process and Electron framework within Node.js to streamline the class registration process for the Sacramento State Computer Science department with **500+** students. The app exports a CSV file with students who are enrolled in two sections at once or do not meet the prerequisites. Cut down manual processing for registration by **80%** and thus reduced those registration errors by **90%**. Languages used were HTML, CSS, and JavaScript.

Web-based Student Attendance Application

- Developed a web-based application with a group of 4 other teammates using Java, Google Sheets API, and Tomcat server technologies to allow professors to take student attendance in an online Google Sheet document

Technical Skills & Knowledge

Languages: Java/Python, C#, HTML/CSS/Bootstrap/JavaScript, SQL

Tools: Angular, Xamarin, Jenkins, Docker, Git, Spring Boot, Cucumber, Cypress, Node.js, JSON

Other Skills/Knowledge: Software Testing/Verification/Validation/Debugging, Scripting, Agile/Scrum, RESTful APIs, Maven, Amazon Web Services (AWS)

Affiliations and Leadership

Delta Valley SHPE Professional - Vice President 2021-2022