

## **DANIELLE ARANDA – Software Engineer**

San Jose, CA | (707) 322-4604 | [DLMedeiro@gmail.com](mailto:DLMedeiro@gmail.com) | [Portfolio](#) | [LinkedIn](#)

Software Engineer with seven years of experience in Industrial and Manufacturing Engineering. Passionate about Front End Development, creating user-facing features, and being involved in the future of mental health and education.

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### **PROFESSIONAL SKILLS**

React | Python | JavaScript | Flask | CSS | HTML | Node | PostgreSQL | Express | SQLAlchemy | Testing through JEST and React Test Library

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### **PROFESSIONAL EXPERIENCE**

#### **Software Development Projects | Springboard Certificate Program | 2022**

- Job Finder: Full Stack application for Job seekers. Backend API built with Node, Express, and PostgreSQL. Dynamic Frontend build with React
- Check the Pantry: Database-driven website built off an external API allowing users to search and save recipes based on chosen ingredients using Python, Flask, Jinja, SQLAlchemy, WTForms, HTML, CSS
- Draw Cards and Lights Out: Single page applications with client-side routing using React, JavaScript, HTML, CSS
- To-Do Checklist and Connect Four: Single page applications practicing JavaScript core concepts and DOM manipulation using VanillaJS, HTML, CSS

#### **Springboard Software Engineering Career Track Certification | 2022–Present**

- 9-month intensive course in Software Engineering methodologies and technologies
- Mastered skills in front-end web development, back-end web development, databases, and data structures and algorithms.
- Utilized Git version control for source code management of all course projects.

#### **Materials Manager | Amazon Lab126 | Sunnyvale, CA | 2018–May 2021**

- Defined system requirements and completed user testing for automated supply chain planning solutions
- Collaboratively worked with internal teams, suppliers, and third-party partners to implement strategic solutions to continually improve materials management processes
- Generated a cost savings of over \$1.5M through the development of a harvesting process. An initiative to reduce waste and spending by increasing the scope of recycled materials used within the returns processes

#### **Business Process Analyst | Amazon Lab126 | Sunnyvale, CA | 2016–2018**

- Identified and improved areas of risk by conducting over 20 department audits and creating standardized procedures for departments and cross functional teams

#### **Manufacturing Process Engineer / Industrial Engineer | Flex | Milpitas, CA | 2015–2016**

- Established engineering solutions and provided technical support for one of the first augmented reality motorcycle helmets
- Participated in a two-week Shingijutsu Kaizen Event doubling the output of a manufacturing line while maintaining existing headcount
- Interfaced daily with production, operations, and business teams as well as clients to evaluate proposed designs, engineering changes, production schedules, and other manufacturing capabilities

#### **New Product Introduction Project Engineer | Extron Electronics | Anaheim, CA | 2013–2015**

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### **EDUCATION**

**Springboard Software Engineering Career Track, Certification, 2022 – Present**

**Bachelor of Science, Industrial Engineering, California Polytechnic State University San Luis Obispo, 2013**

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### **VOLUNTEER EXPERIENCE**

**Stable Hand at One Step Closer, February 2022 – Present**

Therapeutic riding center that offers adaptive horseback riding and equine-assisted-therapy to individuals with disabilities, and to U.S. Military Veterans