

CONTACT INFORMATION

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Los Angeles, California

EDUCATION

B.S. / Biomedical Engineering
California State University
Long Beach, CA
2015 - 2019

M.S. / Biotechnology
Azusa Pacific University
Azusa, CA
2019 - 2021

**Certificate in
Sports Performance Analytics**
University of Michigan
Aug. 2022 - Now

TECHNICAL PROFICIENCIES

SQL
Python
Grafana
Excel
PowerBI
Microsoft Azure
JavaScript
NodeRed

KEY SKILLS

Interpersonal Communication
Tolerance and Patience
Teamwork
Adaptability
Public Speaking
Microsoft Office Suite

Sara Cruz

WORK EXPERIENCE

Niagara Bottling Inc. / March 2021 - Present

Systems Development Engineer II - January 2023 - Present

- Lead and manage deployment of Industry 4.0 initiatives contributing to resource optimization for 20+ internal stakeholder teams.
 - Maintain and strategize improvements for individual teams.
 - Automate project deployment process using python, node-red, and Grafana.

Systems Development Engineer I - March 2021 - December 2022

- Manage multiple Industry 4.0 initiatives aimed to increase the reliability of production lines.
 - Optimize lead times for PoC initiatives and replicate network-wide.
 - Create and maintain visualization platforms using BI tools.
 - Develop and deploy predictive and performance statistical models using real-time data.
 - Build strong relationships with customers and vendors in order to receive timely feedback.
- Showcase findings to relevant stakeholders detailing the impact of 4.0 projects.
- Mentored new team members when on-boarded.

FELLOWSHIPS

Data Engineering

Los Angeles Dodgers / March 2023 - August 2023 (Tentative End-Date)

- Focus Areas:
 - SQL Syntax (SQL Server, BigQuery, Oracle)
 - Google Cloud Platform
 - ETLs
 - Tableau Functionality
 - API Endpoints
 - Salesforce API Endpoints
 - Qualtrics API Endpoints

INTERNSHIPS

Sport Science

University of Louisville Athletics / August 2022 - March 2023 (Remote)

- Develop bespoke applications using Excel VBA.
- Develop algorithm to scrape Athlete information from public websites.
- Focus Areas:
 - Body Composition Reports
 - Data Science

Robotic Automation

HBT Labs Inc. / October 2020 - March 2021

- Production line/Robotic Automation
 - Robotic Programming
 - TCP/IP Communication

Youth Basketball Operations

Los Angeles Sparks. / November 2019 - May 2020

- Data Management & Analysis
 - Use LeagueApps to register participants in various events and clinics.
- Analyze participant information gauge future involvement in Basketball.
- Event Planning and Project Management