

Jared Chavez

DATA SCIENCE AND SOFTWARE ENGINEERING

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Education

University of California, Berkeley

M.S. INFORMATION AND DATA SCIENCE

Berkeley, California

May. 2023

California Lutheran University

B.S. COMPUTER SCIENCE

Thousand Oaks, California

May. 2020

Certifications & Credentials

CompTIA A+, Security+

Google Data Analytics Professional

Skills

Programming CSS, HTML, JavaScript, Python, R, NoSQL (MongoDB), SQL (MySQL, PostgreSQL).

Visualization Power BI, Tableau.

Frameworks / Tools CircleCI, Docker / Compose, Express.js, Git, Node.js, NPM, Parcel / Webpack, Spark, React / Redux, Redis.

Hosting / Platforms AWS, Heroku

Work Experience

Meggitt - US Airframe Systems

Simi Valley, California

SOFTWARE ENGINEER - BUSINESS INTELLIGENCE

Apr. 2021 - Present

- Directly support both manufacturing and business operations, providing tools, reports, and dashboards, alongside developing databases to drive deep analytics and fuel data-driven decision making at all levels of the company.
- Developed a tool that recursively generates a full material and part breakdown alongside their respective transaction histories for all products manufactured by the company. This tool was critical to the company's success in securing a Nuclear manufacturing deal worth nearly \$500,000,000.
- Migrated the company's financial reporting from Excel to a web based format, encompassing arrears, accounts receivable and payable, live revenue reports, and daily transaction data.
- Overhauled the company's primary reporting MySQL database, improving performance by roughly 40%, and reducing the size of the database by 106%.

Meggitt - US Airframe Systems

Simi Valley, California

SOFTWARE ENGINEER INTERN - BUSINESS INTELLIGENCE

Oct. 2020 - Apr. 2021

- Actively supported the manufacturing and testing systems of 28 factories alongside the development of new workflows, tools, and processes to aid and streamline business operations.
- Restored a deprecated testing system encompassing over a dozen aircraft sensors, allowing the company to reintroduce a line of products to manufacturing, and to win bids with new customers, generating tens of millions of dollars in revenue each year.
- Utilized Python, Pandas, and REST to streamline the daily migration of production data from our SAP database to our production system which drives our manufacturing equipment, reducing the hours spent by an entire team on this task by 94% each day.
- Designed and developed an internal escalation system that standardized and streamlined the process to resolve production issues across 28 factories, saving dozens of hours spent resolving these issues each week.

Los Angeles Rams

Thousand Oaks, California

IT INTERN

Oct. 2019 - Nov. 2020

- Utilized Python and Powershell to drive automated installs, rapidly resolve issues faced by end-users, and streamline employee onboarding for the company.
- Provided end-user Helpdesk support on both Windows and MacOS systems within a 200+ employee network.
- Assisted the company in its migration to a remote workforce, in addition to the deployment of the NFL's first ever remote draft during COVID-19.