

Jeff Hoffman

Data Science, Engineering, & Innovation Professional

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Data Scientist familiar with gathering, cleaning and organizing data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic and other analytical techniques. Highly organized, motivated and diligent with significant background in Mechanical Engineering & Project Management. 10 years professional work experience with a passion for exploring, learning, and applying data science using Python, Pandas, SQL, Machine Learning, and EDA.

Projects

- [Driven Data Flu Shot Learning Competition - GitHub](#) (machine learning)
- [Certification Case Study Used Car Sales - DataCamp](#) (EDA, machine learning)
- [High Fatality Accidents Competition - DataCamp](#) (EDA, machine learning)
- [Lego Data Analysis - Python Notebook](#) (SQL, Pandas data manipulation)

Education & Certifications

2021 - 2021 **Data Science Professional**

DataCamp - [Certificate](#)

2017 - 2020 **MBA: Innovation Management**

University of Colorado At Colorado Springs - Colorado Springs, CO

- Relevant Coursework Completed: Project Management, Operations Management, Finance, Accounting & Leadership

2004 - 2010 **Bachelor of Science: Mechanical Engineering, Business Administration**

California State University - Chico - Chico, CA

- Member of Chico State Water-ski Team
- Elected to President, Treasurer for Chico State Water-ski in 2008 - 2010

Work History

2021 - Current **Mechanical Project Engineer**

CertainTeed Insulation Group, Chowchilla, CA

- Planned, managed, and implemented complex mechanical projects up to \$500k.
- Effectively manage and **facilitate change** by interfacing with multiple departments and key people.
- Managed up to 10 projects at once.

2019 - 2020 **Design Engineer**

Flory Industries, Salida, CA

- Responsible for design work and delivery of **complex mechanical projects**.
- Utilized group **project management tools** for addressing over 100 action items per week.
- Planned goals and schedules and prepared presentation materials.

2012 - 2019 **Product Engineer**

Parker Hannifin, Modesto, CA

- Responsible for managing a diverse fuel filtration product line
 - **\$81.5M in annual sales and 339 unique customers.**
- **Communicated technical aspects** of projects to cross-functional teams.
- Interfaced with project stakeholders to develop value-added product requirements.
- Increased new release efficiency by reducing project completion time by 14 days.