

JOE DECESARO

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EDUCATION

Master of Environmental Data Science, (Expected June 2022)

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Leadership: Class Co-Chair, Dean's Advisory Council Committee Student Representative

Highlighted Coursework: Metadata Standards, Scientific Reproducibility, Data Storage and Management, Scientific Programming Essentials, Stats. for Data Science Analysis (all to be completed by December 2021)

Bachelor of Science in Materials Engineering, 3.42 GPA (June 2018)

California Polytechnic State University, San Luis Obispo

Honors/Awards: Dean's List (5 quarters)

Capstone: Developed engineering methodology to encourage designer accountability for product lifecycle

Leadership: Orientation Leader, Triathlon Team Head Bike Coach & MTS Race Sponsorship Lead

Study Abroad: Universidad de Navarra – Tecnun (7/16-8/16)

EXPERIENCE

Environmental Engineer Consultant II – Ashworth Leininger Group, Camarillo, CA (1/19-5/21)

- Consolidated and analyzed technological and emissions data to determine electrification feasibility and wrote a technical summary for a client to present to the California Air Resources Board (CARB)
- Managed onsite air, water, and hazardous waste environmental compliance for large glass manufacturing facility for a 6-month period
- Facilitated written response to Notice of Violation from air district for client to reduce violation charges
- Conducted onsite environmental regulatory gap analysis for various facilities and developed simple improvements to meet each client's unique needs
- Wrote air permit applications to multiple California air districts to support operational changes
- Reviewed environmental regulations to determine applicability and compliance for clients
- Developed a Word template for Spill Prevention Countermeasure and Control Plans with senior leadership that meets all regulatory requirements and drives down the cost of generating each plan for clients

Production Engineer Intern – E&J Gallo Winery, Modesto, CA (6/18–12/18)

- Implemented operation of new manufacturing line with bottling team leadership and operators through continuous improvement strategies like data collection and limiting operational variability
- Facilitated communication between upper management, maintenance, and operators so that all stakeholders' needs were being communicated and met to ensure smoother production operations

Manufacturing and Warehouse Intern – PepsiCo, Fresno, CA (6/17–8/17)

- Designed and executed manufacturing loss study by designing experiment and collecting data to present and suggest solutions that limited operator error to factory and regional leadership
- Standardized procedures for startup and shutdown of the manufacturing facility for all production lines through documentation in a single binder

ADDITIONAL EXPERIENCE

Tutor – Self Employed, San Luis Obispo, CA (9/15-6/18)

Sales Associate – Bike n' Hike, Beaverton, OR (6/15-8/15)

SKILLS (Or SKILLS & XXXX)

Technical: R (RStudio), (Basic) Command Line, SQL (SQLite), Python, Microsoft Office (Word, Excel, PowerPoint, Outlook), Slack

Certifications: Officiant in the state of Oregon