First Last

San Diego, CA 92110 • (619) 260-4654 • name@sandiego.edu

EDUCATION

University of San Diego Shiley-Marcos School of Engineering
BS/BA (dual degree) in Industrial and Systems Engineering
    • Minor in Supply Chain Management

San Diego, CA
Expected Completion: May 2020
Overall GPA: 3.5 Major GPA 3.72

San Diego Mesa College
Associate of Science in Engineering

San Diego, CA
Graduation: June 2017

ENGINEERING PROJECTS AND EXPERIENCE

Senior Design Project   **Spring 2020**
- Worked on a team of three to simulate a full-scale building site assessment, foundation design, cost estimates, scheduling and productivity management
- Used AutoCad to design all structural components
- Presented results of this project to faculty, teaching assistants and over 40 peers

Oracle   **Summer 2019**
Intern
- Researched and interviewed staff to determine the current business processes of USD's NROTC department to help Oracle implement a new schoolwide database system
- Created process flow diagrams for every distinguishable departmental operation
- Presented final project findings at the 2019 USD Creative Collaborations Undergraduate Research Conference

SKILLS

Relevant Coursework: Design of Experiments, Sustainability and Engineering, Manufacturing Systems, Operations and Supply Chain Management, Facilities Management
Computer Software: Word, Excel, PowerPoint, Visio, Access
Certifications: Six Sigma Green Belt, CPR/First Aid

PROFESSIONAL EXPERIENCE

U.S. Air Force   **Edwards, CA**
Manager, Aircraft Maintenance   September 2012 - May 2014
- Evaluated the performance of 26 maintenance technicians on a daily basis
- Managed the maintenance of hundreds of equipment assets including aircraft hydraulic components and landing gear valued at over $1.5M
- Saved 110 working hours per month on aircraft maintenance procedures by streamlining key steps (a 35% increase in efficiency)
- Trained over 80 aviation maintenance technicians in hydraulic systems maintenance and repair

U.S. Air Force   **Edwards, CA**
Ground Support Equipment Technician   February 2009 - August 2012
- Maintained airborne equipment including hydraulic pumps and cylinders for the Maintenance Department
- Retrofitted 90 Air Start Units with new electronic governors as a member of the Air Start team

AFFILIATIONS

USD Institute of Industrial and Systems Engineers (IISE)   **Fall 2017 - Present**

IMPORTANT NOTES

1. Include specific coursework that is relevant to the position you are seeking.

2. Review the job description to identify skills and key words that are relevant to the position you are seeking.

3. Present your accomplishments in the experience section by adding the result or outcome of a task.

4. List your professional associations, especially if they are relevant to the position.

FIRST LAST

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Education

University of San Diego Shiley-Marcos School of Engineering

BS/BA in Mechanical Engineering

Minor in Mathematics and Finance

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Graduation: December 2020

Engineering GPA 3.2

Math GPA 3.5, Finance GPA 3.8

Professional Experience **2**

LabelTek   San Diego, CA

Intern   Summer 2019
- Collaborated with LabelTek's engineering team to reduce errors in thermal transfer printed labels
- Delegated projects to five qualified team members including error identification, rejection automation, mechanical analysis, electrical analysis, manufacturing, testing and implementation
- Leveraged Matlab for controls and calculations, SolidWorks for finite element analysis and manufacturing, and R for programming to finalize formal documentation

Set the Facts Inc.   San Francisco, CA

Consulting Intern   Summer 2018
- Gained insight into a variety of client workflows such as global asset management, hedge funds and global business and banking
- Fostered client-facing skills through the development and customization of portfolio analytics to add value to user workflows
- Streamlined research and presented performance analytics to managers and consultants as the culmination of the internship

Shiley-Marcos School of Engineering   San Diego, CA

Teaching Assistant   Fall 2017
- Graded all levels of work for Introduction to Engineering Programming focusing on programming in C language and working with a Unix operating system
- Consulted with the professor about effective teaching methods and adjusted approach to meet student needs

Projects

Senior Design Project   Fall 2019 - Present
- Collaborated on a multidisciplinary team to develop an AC system using waste heat of an IC engine
- Designed the heat exchanger, project layout, and solid works drawings **3**
- Presented findings as poster during Engineering and Computing Showcase

Skills

Software: Matlab, AutoCAD, SolidWorks and programming in C & R

Machine Shop: Lathe, mill and drill press

Languages: English (fluent), French (intermediate)

IMPORTANT NOTES

1 You can select to include your overall GPA, major GPA, or both.

2 Include internships, part-time jobs, and research that demonstrate experience related to the position you seek.

3 Course projects often demonstrate the skills and qualifications employers are seeking. Highlight your top projects to showcase what skills you gained from the experience.