Ian Henero

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EDUCATION

Bachelor of Science in Mechanical Engineering   **05/20XX**
The University of Texas at El Paso (UTEP)   Overall GPA: 3.75/4.00 | Major GPA: 4.00/4.00
- College of Engineering Dean's List – Fall 20XX and Spring 20XX

SKILLS & CERTIFICATIONS

- Extensive knowledge of Wolfram Mathematica
- Proficient in MATLAB, AutoCAD, SOLIDWORKS, XFoil, ANSYS, Siemens NX
- Bilingual: English (Native) and Spanish (Fluent)
- Project Manager Certification from Coursera – 00/20XX
- Data Engineer Certification from Coursera – 00/20XX

RELATED EXPERIENCE

NASA Langley Research Center (Research Directorate)   **01/20XX – 08/20XX**
Computational AeroSciences Intern   Hampton, VA
- Assisted in the risk failure analysis of the Mars Insight Lander mission utilizing Computational Fluid Dynamics (CFD) to simulate the solar panel arrays
- Analyzed MS Excel data to optimize airfoil design to improve the fuel efficiency of a space aircraft
- Led a team of three interns and delivered a technical presentation on risk failure results to a panel of five senior engineers

The Boeing Company   **08/20XX – 02/20XX**
Manufacturing Engineer Intern   Seattle, WA
- Assisted with manufacturing plans to reduce non-conformance issues for an aircraft assembly
- Provided data to quality engineering department to identify suppliers for safety standards compliance
- Gained an understanding of manufacturing processes for engineers by attending professional development panels

PROJECTS

Baja Car Suspension Design   **05/20XX – 08/20XX**
- Led a team of five in the process of optimizing vehicle design and conducted failure and vibration analysis
- Performed FEA analysis on the suspension to ensure design could withstand the dynamic loads exerted on the vehicle due to rough terrain
- Manufactured an optimized AutoCAD design which was submitted to a regional competition

Global and Regional Sustainable Engineering Program   **08/20XX – 02/20XX**
- Designed a sustainable house that optimized the methods of water usage, energy efficiency and land conservation to increase the quality of living while reducing green gas effects
- Led a team of five to evaluate solutions with municipal water supplies by collecting weekly water samples
- Presented technical findings at UTEP's COURI symposium; recognized for outstanding undergraduate research

LEADERSHIP

American Society of Mechanical Engineers (ASME), Vice President   **Fall 20XX – Present**
- Organized five workshops with industry guest speakers aimed at developing transferable engineering skills
- Led fundraising efforts raising $1,500 for member's travel expenses to attend national conference

Accomplishment Statements

Accomplishment Statements are the statements in the experience section of your résumé that highlight your <u>relevant</u> skills, abilities, and/or contributions to an organization. Statements should include an action and a result listed with bullet points.

<u>Start with a verb to emphasize a skill (result) then add how you accomplished the result (action).</u>

It is important to tailor your statements to the job description and include <u>measurable data</u> as much as possible.

See examples of accomplishment statements in the "Experience Section" on page one.

<u>Job Description</u> 1. **Read and analyze the job description** 2. **Identify the required skills listed for the job** 3. **Match your experiences to the skills listed in the job description**	<u>Measurable Data</u> **Quantify when possible using:** **numbers, percentages, dollar amount(s), or time frames**

Action Words
Verbs that strongly promote your skills and accomplishments

Critical Thinking/ Problem Solving

Analyze
Assess
Compare
Determine
Devise
Diagnose
Evaluate
Execute

Increase
Integrate
Measure
Organize
Research
Supervise
Synthesize
Verify

Communication (Oral/Written)

Address
Author
Share
Convey
Network
Demonstrate
Draft
Edit
Negotiate
Connect

Express
Interpret
Persuade
Present
Promote
Review
Speak
Write
Respond

Teamwork/Collaboration

Assist
Brainstorm
Calculate
Collaborate
Consolidate
Construct
Demonstrate
Envision

Organize
Orient
Plan
Process
Schedule
Supervise
Support
Unite

Technology

Access
Analyze
Calculate
Coordinate
Deliver
Design
Develop
Engineer
Program

Implement
Integrate
Install
Launch
Maintain
Manage
Troubleshoot
Organize

Leadership

Administer
Assess
Clarify
Create
Delegate
Encourage
Establish
Facilitate
Direct

Guide
Manage
Mentor
Motivate
Oversee
Recruit
Supervise
Train

Professionalism/ Work Ethic

Achieve
Act
Adapt
Evaluate
Deliver
Demonstrate
Drive
Establish

Exceed
Handle
Improve
Implement
Produce
Reach
Simplify
Work

Career & Self-Development (Confidence/Advocacy)

Advise	Defend	Inform	Facilitate
Advocate	Diagnose	Master	Supported
Coach	Enhance	Negotiate	Guide
Communicate	Expand	Consult	Pursue

Equity and Inclusion

Celebrate	Engage	Empower
Communicate	Identify	Validate
Discuss	Interact	
Educate	Understand	

Updated: 08/2023