

JANELLE PENA

MECHANICAL ENGINEERING AND MODERN LANGUAGE (SPANISH EMPHASIS)

CONTACT

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SKILLS

- ❖ Microsoft and Google Tools
- ❖ Bilingual (Spanish and English)
- ❖ Global Perspective
- ❖ Good communicator
- ❖ Organized
- ❖ Learning agility
- ❖ AutoCAD

EDUCATION

Northern Arizona University

August 2019- December 2024
Bachelor of Science, Mechanical Engineering & Bachelor of Arts, Modern Language Spanish Emphasis
(Lumberjack Scholar 2019-2023, CEIAS Dean's List 2019, 2020, 2021)

Prestigious Gold Axe: Only 1% of the graduating students receive this

Presidents Award: Hand Chosen by the NAU President. 0.1% of graduating seniors receive this. Most Prestigious Award at NAU.

Universidad de Concepción (UdeC)

August 2022- June 2023
Bachelor of Science, Mechanical Engineering
Bachelor of Arts, Modern Language Spanish Emphasis
Internship with the Architecture Department

EXPERIENCE

Prism Professional Service Group (PSG)

Engineering Intern

May 2024-Current

- ❖ Assisted in creating engineering drawings (DWGS) Including Piping and Instrumentation Diagrams (P&IDs) Electrical Architectural layout DWGS
- ❖ Helped with Quality Assurance and Quality Control (QAQC) of DWGS
- ❖ Attended team meetings every week
- ❖ Attended electrical trainings every week
- ❖ Worked with clients
- ❖ Used Auto CAD and Revit to create a variety of DWGS
- ❖ Spec'd out Instruments for different systems

International Internship in Concepcion, Chile

Vital Signs Lab with the Universidad de Concepción Architecture

Department

December 2022-June 2023

- ❖ Investigated How to Improve the Air Quality in Local Schools
- ❖ Created Low Budget Heaters for Schools
- ❖ Created Low Budget Air Filters for Local Schools
- ❖ Spoke and communicated in Spanish
- ❖ Did Calculations for the Systems and Classrooms

Intern at Tucson Electric Power (TEP) Springerville

Generating Station (SGS)

June 2022-August 2022

- ❖ Learned About PI System
- ❖ Worked on Replacing an Actuator Pump

Intern at Salt River Project (SRP) Coronado Generating Station (CGS)

May 2021-August 2021

- ❖ Worked on a Variety of Projects at Salt River Project (SRP) Coronado Generating Station (CGS)
- ❖ Was Part of 2 Outages
- ❖ Walked Down Clearances of Both the Fire and Water Side
- ❖ Worked with Other Engineers
- ❖ Found Engineering Drawings
- ❖ Attended Meetings

MathJack- Math Tutor

August 2021-May 2022, August 2023-August 2024

- ❖ TA in Math 108, 114 and 125 classrooms
- ❖ 1:1 Tutoring in the Math Lab
- ❖ Assisted students with their homework.
- ❖ Worked with other MathJack's and GTA's in classrooms and Lab
- ❖ Mentored New MathJacks & Ran New MathJack Meetings
- ❖ Participated in Lead Mathjack meetings
- ❖ Interviewed new Mathjacks