

JANELLE PENA

MECHANICAL ENGINEERING AND MODERN LANGUAGE (SPANISH EMPHASIS)

CONTACT

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SKILLS

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

EDUCATION

Universidad de Concepción (UdeC)

August 2022- June 2024

Bachelor of Science, Mechanical
Engineering

Bachelor of Arts, Modern Language
Spanish Emphasis

Internship with the Architecture
Department

Northern Arizona University

August 2019- December 2024

Bachelor of Science, Mechanical
Engineering & Bachelor of Arts,
Modern Language Spanish Emphasis

(Lumberjack Scholar 2019,2020,
CEIAS Dean's List 2019, 2020, 2021)

Prestigious Gold Axe: Only 1% of
graduate students receive

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 TEP SGS

June 2022-August 2022

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

Intern at SRP CGS

May 2021-August 2021

- ❖ Worked on a Variety of Projects at Salt River Projects (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

Apache County Lodge Employee and Snack Shack Manager

May 2023-August 2023

- ❖ Supervised high school aged students
- ❖ Took Care of the Facility
- ❖ Planned Activities
- ❖ Managed the Snack Shack at Ramsey Park
- ❖ Made the Work Schedule
- ❖ Took Inventory

MathJack

August 2021-May 2022, August 2023-August 2024

- ❖ TA in Math 108, 114 and 125 classrooms
- ❖ Worked in the math lab as a MathJack
- ❖ Assisted students with their homework.
- ❖ 1:1 Tutoring
- ❖ Work with other MathJack's and GTA's in classrooms and Lab
- ❖ Mentored new MathJack's
- ❖ Ran New MathJack Meetings
- ❖ Participated in Lead Mathjack meetings
- ❖ Interviewed new Mathjacks Classroom Management of College Students
- ❖ Oversaw lab functionality

Rapid Lab Volunteer

February 2020-May 2020

- ❖ Worked with a Rapid Lab Printer to Print Face Shields
- ❖ Rotated 3D Prints in a 3D Printer and Started the Next 3D Print Job
- ❖ Communicated with Dr. Tester and a Team of Other College Students to Coordinate Assignments

VOLUNTEER

Promesa- Cole-EGR mentoring

Helped assist a local high school graduation night-May 2023- I helped make breakfast, chaperoned security, and cleaned up the event from the hours of 1am to 5am with a local high school on graduation night.

Served food and set for an awards banquet- May 2023- I helped set up and serve food for a local high school awards banquet;

Did irrigation for an older couples yard- June 2023- I helped complete irrigation for an elderly couple in town by cleaning out sprinklers, and water ditches so that their trees, yard and gardens could get properly watered. I did this 3 times that summer for about 7hrs each time since that was the duration of each irrigation session;

Interdisciplinary Global Program (IGP) Tabling and Classroom visits- Spring 2024- Went around to different classrooms and tabling events to promote the IGP program for multiple times during the semester. I also volunteered at NAU said yes tabling event multiple times. I also attended IGP round table culture shock events;

Lodge Legacy Youth Teen Center- April 2023 to August 2023-I volunteered and supervised many youth teen events as well as lead some activities there. This happened about 5 times a week for about 4-6 hours each time. The Youth Center is there for High school aged students to have a place where they are free to come hang out and so that they have a safe place to come.;

Snack Shack- April 2023 to August 2023- I worked with middle school students to help teach them business skills and get work experience before they enter high school. I did this 3-5 times a week for 2-4 hours every week;

Spanish Tutor- April 2023 to May 2023- I volunteered at a local high school Spanish classroom to help them learn and strengthen their beginning Spanish skills. I did this 1 to 2 times a week for 2 hours a week;

Beat the Heat Summer Tournament- June 2023- I helped do the score and clock for a High School Basketball tournament.

Yardwork- July 2023- Did yard work for an elderly couple in town. Created earth grow boxes and mowed lawns hand did other yard work to help them out.

International Orientation-August 2023-Helped new international students get acquainted to living in Flagstaff and the United States

Prism Food Drive

Volunteer High School Spanish Classroom

Snack Shack

LDSSA-Bread, calling- Teach a gospel lesson and bring fresh homemade bread for church every Sunday