

# Mr. Jose Andre Bonillas

Mechanical Engineering Student at NAU

Contact Information:

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## EDUCATION —

### **Northern Arizona University (NAU):**

#### **August 2021 to Present**

Flagstaff, Arizona

College of Engineering, Informatics  
and Applied Sciences (CEIAS)

4th year student

GPA: 3.62

#### **Currently pursuing:**

Mechanical Engineering degree BS

Accelerated Masters: MS Mech. Eng.

#### **Graduation date:**

**Undergrad:** May 2025

**Grad:** May 2026

#### **Courses:**

Computer Aided Design

Thermodynamics 1 & 2

Fluid Mechanics 1 & 2

Aerodynamics

Renewable Energy

Heat Transfer

Experimental Methods

Engineering Optimization

#### **Knowledgeable Programs:**

MATLAB – SolidWorks – Cura –

Microsoft Office Suite

## KEY SKILLS —

Highly Motivated / Positive Attitude

Team Management / Leadership

Dependable / Flexible

Project Planning / time management

Creative Problem Solving

## EXPERIENCE

#### **August 2024 to Present**

Drone Research, Design, Development and Testing Capstone • NAU • SCE

#### **July 2023 to Present**

Peer Mentor • NAU • Peer Jacks - Student Affairs Mentoring

#### **May 2024 to July 2024**

Private Tutor • Self-run opportunity

#### **January 2023 to August 2024**

Society of Automotive Engineers Club Member • NAU • SCE

#### **January 2023 to July 2024**

Undergraduate Research Assistant and Peer Mentor • NAU • SCE

#### **May 2023 to August 2023**

Teaching Assistant • NAU • SCE

#### **July 2016 to July 2021**

Embroidery Machine Operator and General Assistant • My Labor of Love

## Leadership Experience –

- Presidential Mentor – Society of Hispanic Professional Engineers – NAU – SCE – **September 2024 to Present**
- Club President – Society of Hispanic Professional Engineers – NAU – SCE – **May 2023 to September 2024**
- Club Vice President – Society of Hispanic Professional Engineers – NAU – SCE – **August 2022 to May 2023**
- Circuit Design Lead Elementary STEM Education Project – RMHS Engineering – **August 2019 to May 2020**
- Mechanical Design Lead – U of A Racing the Sun Design Project – RMHS Engineering – **August 2018 to May 2019**

## ACCOMPLISHMENTS

- NAU Engineering Department – Machine Shop Certification – **2022-2025**
- NAU CEIAS Dean's List – **2021-2024**
- Project Lead the Way 4-year Engineering Course Completion – **2021**
- Red Mountain Academic Elite – **2021**
- AP Scholar – **2021**
- Red Mountain Engineering Student of the Year – **2020**