

# The UNP Experience



ISO 9001 and AS9100 Certified



**CMMIDEV / 3<sup>SM</sup>**

CMMI®V2.0 / Exp. 2025-05-06 / Appraisal #59041

11/1/2024

# Background

- Patrick Sullivan:
  - Graduated with my Undergraduate (2022) and Masters (2023) in Aerospace Engineering
- My “in” to UNP:
  - Space Systems Research lab (SSRL)
  - Dr. Michael Swartwout
- What we worked on:
  - Distributed Observation Reasoning and Reaction Experiment (DORRE)
    - Experiment to test the combination of distributed observations and autonomous reasoning



# The UNP Experience

“Drinking from the firehose”



# Opportunities Post UNP

- Cool Jobs I've had because people saw "UNP" on my resume
  - Systems Engineer Intern on OSAM-1 – MAXAR technologies
  - Systems Engineer and PM of ISEE – Impossible Sensing
  - Systems and GNC Engineer - Small Satellite Portfolio/Axient Space Monkey

The MAXAR logo, consisting of the word "MAXAR" in a bold, orange, sans-serif font, centered within a dark grey rectangular background.The logo for Impossible Sensing, featuring a circular icon with a diagonal slash through it, followed by the text "IMPOSSIBLE SENSING" in a bold, black, sans-serif font.The logo for the Small Satellite Portfolio, featuring a stylized globe with a blue and orange color scheme, followed by the text "SMALL SATELLITE PORTFOLIO" in a bold, blue, sans-serif font, and "AIR FORCE RESEARCH LABORATORY" in a smaller, blue, sans-serif font below it.