

Shane O'Neil

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EDUCATION

- B.S. Mechanical Engineering - Northern Arizona University Anticipated Graduation: May 2022
- GPA – 3.98
- Wilderness Medical Associates International – Wilderness First Responder – Durango, CO June 2020

WORK EXPERIENCE

- Professional Ski Patrol/ Volunteer Courtesy Patrol – Arizona Snowbowl December 2019 – Present
- Responsibilities include delivering medical care, education, and other assistance safely, efficiently, and professionally to guests and staff. This is done through management of facilities, equipment and trails according to industry standards and liability mitigation.
- Project Engineer, Intern – FCI Constructors, Inc. June 2021 – August 2021
- Responsibilities included working in the field with superintendents, engineers, subcontractors, and the project manager to ensure high quality commercial construction work for the owner. Daily tasks consisted of conducting safety reports, issuing RFI's, submittals, and relaying crucial information to subcontractors.
- Math Tutor – Northern Arizona University June 2019 - May 2020
- Tutored undergraduate math students in a variety of math courses. Worked as a teacher's assistant grading work and assisting in classroom teaching.

EXTRACURRICULAR

- 2022 Collegiate Wind Competition August 2021 - Present
- Annual competition held by the US Department of Energy.
 - Working on the Project Development team, focus on financial analysis.
 - Team will be preparing a bid to submit to the Bureau of Ocean Energy Management, with site and financial analysis, including economic impact report.
- 2018 W. L. Gore Engineers to the Rescue – Most Innovative Design November 2018
- Annual competition held at NAU
 - Awarded to engineers with the most creative, yet functional design
- NAU Energy Club Vice President August 2021 - Present
- Participate in weekly club meetings. Reach out to industry professionals to bring them in for presentations
- Backcountry Hunters and Anglers March 2021 - Present
- Treasurer. Tasks include managing club finances along with organizing and assisting running meetings

TECHNICAL SKILLS

- Computer Aided Design and Programming
- 3+ years experience using Solidworks, 2+ years with OnShape, 3+ years with MATLAB
- Project Management Software
- Prolog Manager and Bluebeam
- Microsoft & Google Suites
- Thorough understanding of Excel, Word, Teams, and PowerPoint (as well as Google suite equivalents)