

Anya Kulinchenko-Braun

Mechanical Engineering Student

About Me:

I am originally from Alaska and moved to Arizona for school. I am studying mechanical engineering at Northern Arizona University. I enjoy working on vehicles, going off-roading, mountain biking, hiking, camping, climbing, and skiing in my spare time. I am hoping to pursue a career where I can apply my problem-solving skills to unique projects.

Contact Information:

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Anchorage, AK, 99507

Experience:

Red Rock Technologies – Mechanical Engineering Assistant

June 2019 – Present

At Red Rock Technologies I build 3D product models using SolidWorks and generated product animations used for a company website. I converted 2D drawings into 3D model assembly to secure printed circuit boards (PCB). 3D models were used by customers such as NASA, Raytheon, and Boeing.

Lumberjack Motorsports – Team Captain

May 2021 – Present

At Northern Arizona University I am the team captain of NAU's mini-*SAE* Baja team. As team captain I was responsible for setting deadlines, organizing meetings, communicating with vendors, setting up reports and presentations, delegating work, and communicating design and manufacturing ideas. I also was responsible for researching, analyzing, testing, and manufacturing of components and sub-assemblies. Used tools such as SolidWorks, Fusion 360, Matlab, Excel, and Microsoft Teams. Manufactured components using TIG welder, manual lathe, manual mill, and CNC mill.

Plastic Waste Solutions Inc. – Mechanical Engineering Intern

June 2021 – August 2021

At Plastic Waste Solutions Inc. I researched, designed, and conducted testing of recycled polymers using tools such as Arduino Uno programming, strain gauges, and Fusion 360. Also used ASTM and ISO standards for testing polymers.

Skills:

- Computer Aided Design (SolidWorks)
- CNC Programming (Fusion)
- Matlab Programming
- Intro to Arduino Programming
- Intro to Mig and Tig Welding
- Intro to Metal Lathe, Vertical Mill, CNC Mill Machining
- Composite Layup
- Prototyping
- Data Analysis
- Excel Spreadsheets Analysis
- Microsoft Office
- Organization
- Leadership
- Intermediate German

Education:

Northern Arizona University
Bachelor of Science Degree in
Mechanical Engineering

References:

Wes Hutchins	Red Rock Technologies Owner	(620) 570 - 1144
Riley Karg	Lumberjack Motorsports Team Captain 2019/2020	(949) 444 - 9117
Owen O'Mally	Lumberjack Motorsports Team Captain 2018/2019	(408) 402 - 1072