ANDREW POHL

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EDUCATION:
Clarkson University - Potsdam, NY
Bachelor of Science: Mechanical Engineering
May 2023
GPA: 3.16

ENGINEERING EXPERIENCE:
Quality Engineering Intern - US Army Watervliet Arsenal   Summer 2022
o Implemented studies to determine new quality control equipment's feasibility, costs, or performance benefits.
o Opperated Coordinate Measuring Machines to ensure satisfactory part quality
o Gained familiarity with geometric dimensioning & tolerancing
Media & Public Relations Chair - SPEED Rocketry Team   2021-Present
o Designed and manufactured high powered rockets to compete in team competitions
o Assisted in the in house fabrication process of carbonfiber composites
o Worked on Avionics and electronic flight systems
o Communicated and marketed developments towards potential sponsors
Intern - Solar Foundations USA   Summer 2020
o Conducted compression deflection tests to determine the maximum load of support rods
o Manufactured the required components of ground-mounted solar panel foundations
o Fulfilled orders required for the logistics of manufacturing supply chains
o Operated heavy equipment such as Forklifts, CNC plasma tables, and skid steer

LEADERSHIP EXPERIENCE:
Event Coordinator & Team Captain — Clarkson Crew   2020-2021
o Developed creative networking solutions that complied with administrative constraints
o Organized and planned various virtual events through Zoom and messaging services
o Maintained a vast network of former alumni connections via social media platforms
o Assisted in the decision-making processes of club management

SKILLS:
o In-depth exposure to computational design programs SOLIDWORKS, ANSYS, and Altair Simlab
o Adept abilities in the programming language of MATLAB with prior coding experiences in R, Python, and HTML/CSS
o Hobbyist abilities with Microcontrollers and embedded systems using Arduino

EXTRACURRICULARS:
Crew Team - Clarkson University   **September 2019 - Present**
Outing Club - Caving Chair - Clarkson University   **November 2019 - Present**