Riley Joncas

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EDUCATION

North Carolina State University | Raleigh, NC   **Expected July 2024**
B.S. in Mechanical Engineering, Minor in Computer Programming
GPA: 3.42 / 4.0

RELATED COURSEWORK

- Principles of Automatic Controls
- Strength of Mechanical Components
- C/Software Tools
- Foundation of Graphics – SolidWorks
- Capstone Senior Design - Mechanical Engr.
- MATLAB

WORK EXPERIENCE

Center for Advanced Manufacturing and Logistics (CAMAL) | Raleigh, NC

Lab Assistant   **September 2023 – Present**
- Maintain a clean working environment to eliminate contamination between different material types
- Help facilitate the build process for additive manufacturing of various metal
- Assist full time staff with various parts of the additive manufacturing process to ensure smooth operation

North Carolina State University | Raleigh, NC

Wellness and Recreation Climbing Wall Specialist   **August 2022 – September 2023**
- Introduce the rock wall to new climbers and provide rental equipment to those when necessary.
- Manage the climbing wall space, ensuring the safety of all patrons and the organization and cleanliness of the facility.
- Responsible for the closing of the climbing wall space. Cleaning fall/landing areas and perform rope inspections.

The Fresh Market | Greensboro, NC

Deli Team Member   **May 2022 – August 2022**
- Quality checked and prepared food daily to Fresh Market regulations.
- Responsible for packaging and organizing fresh meals and helped serve food to customers.
- Assisted with customer questions and solved any problems they might have had.

ACTIVITIES

Engineers Without Borders - NCSU Chapter   **August 2022 – Present**
- Working with like-minded students to design and implement systems to help those in need in our community

Boy Scouts of America - Eagle Scout   **June 2019**
- Design a project to benefit some part of the community and lead a team to implement aforementioned project

Greensboro Police Department - Safety Town
- Educated 4 to 6-year-olds on basic safety about strangers, traffic, pedestrians, fire, bicycles, poisons, drugs, water, and guns.

SKILLS

- **CAD, macOS, Linux/Unix, and Windows**: Proficient in SolidWorks CAD, AutoCAD, macOS, Linux/Unix, and Windows.
- **Programming**: Experience in Java, MATLAB, HTML, CSS, and C.
- **Languages**: Experience in intermediate German and elementary Japanese.

CERTIFICATIONS

- **American Red Cross Adult and Pediatric First Aid/CPR/AED Certification**: Certification to show proficiency in First Aid/CPR/AED skills. This certification was conducted by North Carolina State University Aquatics.