

Rebekah Cutler

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EDUCATION

The University of Arizona Honors College, Tucson - *Bachelor of Science in Engineering*

AUGUST 2020 - MAY 2024. GPA: 4.0

SKILLS

Coding Languages: Python, Javascript, CSS, HTML, C, MatLab

Software Programs: Microsoft Office, G Suite, Solidworks

Soft Skills: Leadership, communication, teamwork, self-motivation, problem-solving

WORK EXPERIENCE

Boundary-Layer Stability and Transition Laboratory, The University of Arizona — *Research Assistant*

JANUARY 2021 - PRESENT

- Orchestrating research focused on the effects of surface heating as well as basic fluid dynamics in the school's Mach 5 wind tunnel
- Collaboratively working on designs of shock tubes (small wind tunnels intended to measure shock waves) and basic lab duties such as cleaning, using torque wrenches, etc.
- Enhancing teamwork and communication skills, SolidWorks and MatLab skills, and exploring the research environment

Anne's Windy Poplars and North Rustico Harbour Inn, Prince Edward Island - *Front Desk*

JULY 2016 - AUGUST 2020

- Designed websites, business cards, and social media posts to boost the hospitality businesses
- Answered phone calls, created bookings, compiled quotes, and completed routine housekeeping duties
- Exceeded customer expectations with world-class customer service and a well-maintained digital presence.
- Built effective customer service skills, strengthened HTML/CSS/Javascript abilities, and gained experience with Microsoft Office and G Suite

ORGANIZATIONS

Baja Racing SAE, Tucson - *Steering, Suspension, and Brakes Team Member*

AUGUST 2020 - JANUARY 2021

- Collaborated with teammates to design an off-road racing vehicle that will hold up against rough terrain, prove to be cost effective, and ensure rider safety and comfort
- Specifically, designed a pedal tray for the 4 wheel drive vehicle being raced in 2022 and aided in the physical construction of the 2 wheel drive vehicle being raced in 2021
- Learned how to analyze forces and strength of components in SolidWorks and discovered real-life applications for engineering coursework

The Church of Jesus Christ of Latter-Day Saints, Tucson - *Youth Group Leader, Activities Committee Member, Pianist, and Scheduler*

AUGUST 2017 - PRESENT

- Accompany church services with piano, plan events for members to take part in, and organize service projects such as yardwork and visiting seniors' homes.
- Carry out all planned activities in an orderly manner, ensuring the satisfaction of those involved.
- Developing interpersonal skills, organizational abilities, and time-management