

Ashton Bosley

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Education:

B.S. Mechanical Engineering, Northern Arizona University – Flagstaff, AZ 2019 - Present
GPA: 3.84 – Graduating 2023

Highland High School – Gilbert, AZ 2015 - 2019
Graduated 2019

Experience:

AZ Ice Gilbert – Gilbert, AZ 2021 - 2022
Supervisor

- Responsible for all ice maintenance such as resurfacing, edging, crack/hole repair
- Overseeing all employees on shift, and overseeing all money/safe operation
- Operating Zamboni, and performing routine maintenance and inspections
- Facility maintenance and repair, and closing the facility at the end of the day

Ice Attendant 2018 - 2021

- Responsible for cleaning the facility routinely, and disinfecting surfaces between events
- Providing aid during public skating hours, and filling out injury/incident forms
- Operate cash register during busy hours

Projects – NAU Flagstaff, AZ 2022 - Present

CWC Project Development Capstone

- Research and design all aspects for a windfarm in the Gulf of Mexico near Louisiana
- (Expected) to go to national competition in May to compete with our design
- Working with Furo software and other research tools to design and report our research

CWC Wind Turbine Design 2021 - 2022

- Design components of a wind turbine that follow CWC competition rules and regulations
- Responsible for all aerodynamic calculations and blade design of the wind turbine

Five Stage Car Competition 2020 - 2021

- Design and manufacture small mechanical cars to compete in various competitions
- Using Decision Matrix, Concept Variants, and QFD to select the best design for each task

Skills:

- **Software:** Microsoft Office Word and Excel, MATLAB, Solidworks
- **Tools:** Band saw, Drill press, Belt sanders, Wheel grinder, Handheld power tools, Welding
- **Heavy Machinery:** Zamboni, Scissor lift
- **Language:** Conversant in Spanish

Achievements:

- NAU Term Honor: Dean's List every semester since Fall 2019
- Golden Scholar Award every year of high school for having a GPA exceeding 3.8
- 2015 State Championship Title with Gilbert Tigers Jr High Lacrosse
- First place in Engineering Competition at the 2017 County Fair

Reference:

Bob Platt
AZ Ice Gilbert
General Manager
(480) 415-3336
RPlatt@azice.com

Ryan Wilson
AZ Ice Gilbert
Rink Operations Manager
(480) 980-9302