

RAHEEL MAHMOOD

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Exceptional interpersonal and communication skills. Looking for Summer 2025 Internships and Winter 2026 FT roles.

EDUCATION

Northwestern University – MS Computer Engineering

Expected graduation: December 2025

University of Nebraska Omaha – BS Aviation – Robotics and Autonomous Systems

WORK EXPERIENCE

Exelon / Constellation Power, Robotics Specialist

Chicago, IL; February 2023 - January 2024

- Completed more than 500 hours of extensive flight time on various platforms utilizing LiDAR, RGB, Sonar, and Thermal Infrared sensors
- Experienced with quadcopters, rovers, and ROV submersibles to conduct inspections on high-energy utility assets
- Record holder for a utility company for finding the hottest temperature on record

Fantasy Drone Shows, Show Design Consultant, Designer and Lead Pilot,

Nebraska; May 2022 - February 2023

- Consulted with clients, and designed and executed over 15 drone shows using 2D and 3D modeling software
- Managed design projects for a successful and entertaining show under budget and time constraints
- Leading a team of 4 people to achieve a safe and successful show
- Forming and maintaining a close working relationship with the FAA, Flight Standards District Offices, and TSA to obtain over 30 waivers and airspace authorizations

PROJECTS

Blackjack in Java

- Biggest challenge resolved was the logic test for the ace card
- Code was implemented for 1-6 players, with invalid inputs rejected
- Tested heavily and edge cases were resolved

SKILLS

- Object Oriented Programming - C/C++, Java, Python
- Extremely good at public speaking
- English language proficiency: native

AWARDS

- Dean's List - 4 semesters
- Undergraduate Major Award - Student Honors 2022
- UNO Advantage Scholarship - College of Public Affairs and Community Service 2021 - 2022
- Speaker of the Year Award - 2016
- Member of National Society of Collegiate Scholars