

NINA C. OSBORNE
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EDUCATION

The University of Iowa

Anticipated May 2027

B.S. Geographic Information Science, B.A. Environmental Policy and Planning;
Certificate, Applied Climate and Energy Technologies
GPA: 3.96/4.0 – Honors Presidential Scholar

WORK EXPERIENCE

Development Coordinator, The University of Iowa

Jan 2025 – Present

- Led continued training of a team of 100 Tour Guides through guest speaker events and regular meetings
- Coordinated the general operations of Admitted Student Days and Hawkeye Visit Days for 700-1,000 visitors

Tour Guide, The University of Iowa

Jan 2024 - Present

- Led engaging, personalized tours for visiting families through effective public speaking
- Provided clear, relevant information to ensure an informative and tailored experience

Admissions Panelist, The University of Iowa

Jan 2024 - Present

- Shared insights and personal experiences to provide a snapshot of a Hawkeye's experience
- Utilized public speaking skills to comfortably address audiences of 30-1,000 visitors

Honors Admissions Representative

May 2024 – Present

- Guided prospective students through an informative presentation and addressed inquiries about the Program.
- Blended personal anecdotes with program facts to enrich visitor learning

LEADERSHIP ACTIVITIES

Student Representative, Campus Planning Committee

May 2024 – Present

- Advocated for student perspectives on development, with considerations for green spaces, accessible landscape development, and redesigned transportation corridors to promote pedestrian safety

Student Representative, Sustainability Committee

May 2024 – Present

- Collaborated with internal and external stakeholders to develop environmental policies
- Advised on the integration of ideals within existing campus programs in education, research, and operations

Honors Teaching Assistant

Aug 2024 – Dec 2024

- Acclimated new students to University Honors Program through a course focused on engagement
- Managed assignments and event planning for total enrollment of 475 students

Honors Outreach Ambassador

Jan 2024 - Dec 2024

- Represented the Honors Program to visitors through tours, panels, and tabling events

CAMPUS ACTIVITIES

Research Assistant

Dec 2024 - Present

- Developed instrumentation for DJI M300 drone sensors via 3D modeling and printing
- Created and utilized deep-learning algorithms to analyze data patterns in remotely-sensed tree blight

Research Assistant

April 2025 – Present

- Aided in development of project measuring spectroscopy, heat, water content, and radiance of saplings
- Data collected for inspecting Bur Oak health under heightened CO2 and heat climate scenarios

Diurnal Raptor Care Volunteer, Iowa Raptor Project

Jan 2024 - Present

- Grew skills in wildlife rehabilitation, outdoor education, and specialized animal care

SKILLS

- Python, JavaScript, HTML + CSS, Web Mapping, Earth Engine, ArcGIS Pro, MaxENT, 3D Modeling and Printing
- Public Speaking, Written Communication, Event Management, Leadership, Time Management, Independent Research