

# Grace Koch

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## CAREER OBJECTIVE

I am a hardworking and adaptable Environmental Science student with 5+ years of diverse experience. My passion for environmental justice and compassion for others drives me. I utilize innate leadership, interpersonal, and communication skills, dedication, and attention to detail to accomplish my goals and thrive in many career areas.

## EDUCATION

### BACHELOR OF SCIENCE (B.S.) IN ENVIRONMENTAL SCIENCE CANDIDATE, Iowa City, IA

University of Iowa

Expected Graduation May 2026

## EXPERIENCE

### IOWA CITY WATER TREATMENT PLANT, Iowa City, IA

Hourly Operator, June 2024–Present

- Collected samples throughout the water treatment process to run chemical assessments of each location to determine if chemical federate changes were necessary.
- Preformed Titrations (for Alkalinity and Hardness), Free and Total Chlorine assessments, TDS and pH tests on samples as necessary.
- Worked long hours with limited supervision.
- Completed thorough documentation of chemical, plant and SCADA data to ensure high-quality water is distributed to the Iowa City community.

### UNIVERSITY OF IOWA PUBLIC POLICY CENTER AND THE CENTER FOR HEALTH EFFECTS OF ENVIRONMENTAL CONTAMINATION, Iowa City, IA

Undergraduate Research Fellow, November 2023–Present

- Collected 5 samples and performed a Total and Free Chlorine Indicator Assessment at 10 water kiosks across the state of Iowa and the closest tap water source, with the goal of comparing Kiosk water quality to local free tap water sources.
- Worked with a team to plan site locations and data collection strategies with limited supervision, driving long distances to get to sample locations.
- Completed thorough documentation of site, surrounding area and public interactions.

### IOWA DEPARTMENT OF NATURAL RESOURCES, Des Moines, IA

Seasonal Technician, May 2023–August 2023

- Collected 3 samples and various types of chemical, biological, and physical data at 23 state-wide beaches weekly with limited supervision, driving 6-8 hours a day to locations.
- Assisted with 10 state-wide wetland, shallow lake, and stream invert and vegetation surveys.
- Prepared weekly for fieldwork, performing calibration of YSI Sondes and field equipment maintenance.
- Processed weekly aquatic invertebrate samples.

## **ASHTON PRAIRIE, Iowa City, Iowa**

Manager/Undergraduate Researcher, May 2024– Present

- Managed 6 student researchers and their projects, coordinating between students to help accomplish their goals and organized and inventoried the laboratories storage spaces.
- Lead a prairie plant percent cover survey to prepare for eventual project in Fall 2024 comparing soil quality and moisture levels to native plant health across Ashton Prairie, utilizing a Trimble R12 GNSS system to collect transect points for accurate data collection.
- Provided education on plant identification and survey strategies to a group of 4 volunteers and assisted with training volunteers to use the GNSS unit and YSI Sondes.

## **UNIVERSITY OF IOWA CAMPUS ACTIVITIES BOARD, Iowa City, IA**

Operations Director, May 2023–May 2024

- Organized and led recruitment efforts including tabling events and oversaw and scheduled over 50 interviews.
- Coordinated 5 speakers for weekly professional development presentations for members.
- Established and facilitated CAB's environmental sustainability endeavors, advising measures for over 40 campus events and internal waste and resource management.
- Inventoried and organized CAB storage spaces to increase efficiency and environmental sustainability.

## **UNIVERSITY OF IOWA HOUSING AND DINING, Iowa City, IA**

Resident Assistant (RA) December 2023–Present

- Planned and presented 9 social and educational programs, that exemplified university values and goals creating a safe and supportive environment for resident growth and development.
- Advocated for resident safety, through weekly rounds and daily conflict mitigation.
- Organized monthly floor meetings and student one-on-ones with limited supervision and excellent time management.

## **UNIVERSITY OF IOWA HOUSING AND DINING, Iowa City, IA**

Student Manager, August 2022–December 2023

- Managed over 150 employees and facilitated daily operation of Hillcrest Dining Hall.
- Created daily schedules, organized interview selection times, and other managerial tasks, with limited supervision.
- Responded promptly to emails and phone calls and customer/employee concerns.

## **CARING HEARTS HOME CARE, Des Moines, IA**

In-Home Caregiver, CNA, June 2021–May 2023

- Delivered in-home, direct care to patients, assisting with dementia/Alzheimer's care, bathing, feeding, and grooming tasks.
- Established personal relationships with clients to maintain patient comfort and care.
- Performed healthcare-related tasks and documentation under the direction of registered nurses.

## **Hy-Vee, Windsor Heights, Des Moines, IA**

Customer Service Representative/Checker, May 2019 – June 2021

- Coordinated with all store departments to assist with customer satisfaction and provide support to checking staff.
- Conducted Western Union, Money Orders, Postal Service, Lottery, Tobacco, Store Return Coin Star, In-Store

Charge Rug Doctor, Can/Bottle Return and Printing Services.

- Responded to customer inquiries in all forms, (phone, in-person, fax and email daily).