RAIMEE SEAL

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EDUCATION:

University of Nebraska-Lincoln, Lincoln, NE - *B.S. in Computer Science, Minors in Mathematics & Business Management*
Student at the Jeffrey S. Raikes School of Computer Science & Management, a highly selective, interdisciplinary honors program concentrated on computer science and business management.

RELEVANT COURSEWORK: Software Engineering, Computer Systems Engineering, Computer Problems, Data Structures & Algorithms, Data & Models, Unix, Differential Equations, Linear Algebra, Statistics, Calculus I-III

SKILLS: Java, Python, C, SQL, Assembly, Linux/Unix, GitHub/GitLab, Microsoft Office/Google Platforms

EXPERIENCE:

Innovation Processes - *Teacher's Assistant at UNL*
AUGUST 2023 - PRESENT
- Mentored a cohort of 40 students by helping them discover a problem space and work through the product development process.
- Evaluated customer interviews, prototypes, and iterations based on design feedback and business models.

Shyft Solutions - *Software Engineering Intern*
APRIL 2023 - NOVEMBER 2023
- Assisted the TADS program at the Offutt Air Force Base to transform weather data.
- Manipulated weather data from weather models to create responses to API requests.
- Implemented data processing pipelines for weather data by parsing raw data and performing quality checks.

Nebraska Realty - *Marketing Assistant*
JUNE 2021 - AUGUST 2022
- Managed information by cross-referencing databases to improve realtor efficiency.
- Networked with clients/prospects while gaining an understanding of marketing strategies.
- Assisted realtors with house tours and contributed to successful client interactions.

University of Nebraska Medical Center - *Research Intern*
JUNE 2021 - AUGUST 2021
- Worked with climate change and health data to analyze the effects of water quality on human health.
- Learned how to interpret satellite images and topographical maps to assess the impacts of water throughout Nebraska.

PROJECTS:

Cumulate
- Cumulate is a start-up project developed to create a curriculum sharing platform amongst teachers in different educational state units.
- Used Figma to build out a prototype and planned out software/hardware aspects.

Gig Scheduler
- Utilized Java & SQL to create a program that allows users to view concert schedules and descriptions of artists.
- Developed functionality for creating, editing, and displaying gigs by using a series of queries.

AWARDS & OTHER:

- Security Clearance: Secret Level Security Clearance
- College of Engineering Dean's List (Fall 2022, Spring 2023)
- Creighton University's Youth Leadership Award
- Recognized as one of Omaha's Ten Outstanding Teens (TOYO!) by the Omaha Jaycees
- Greater Omaha-Council Bluffs Youth Salute 2022 Leader