

DAT BUI

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EDUCATION

University of Nebraska-Lincoln

Bachelor of Science in Computer Science, December 2027

Lincoln, NE

GPA: 3.808

SKILLS

Programming Skills: C, Python, Java, HTML, CSS, TypeScript, JavaScript, React, SQL

Technical Tools: Microsoft Office Suite (Word, PowerPoint, Excel)

Transferable Skills: Leadership, Communication, Teamwork, Problem-solving

PROJECTS

SideQuest

March 2025

- Developed a web application designed to help students prepare for internships by offering 11 hands-on projects with varying difficulty levels.
- Implemented a user-friendly interface with React and TypeScript to enhance student engagement and learning.
- Integrated FastAPI for high-performance backend services, ensuring seamless communication between the frontend and server.
- Technology:** React, TypeScript, HTML, CSS, Python, FastAPI.

Weatherio

December 2024 - March 2025

- Developed a real-time weather application using WeatherAPI to display weather conditions, temperature, and humidity for any location.
- Designed a clean and user-friendly interface to ensure accessibility and a seamless browsing experience.
- Optimized API calls and data handling for efficient performance and seamless updates of real-time weather data.
- Technology:** JavaScript, HTML, CSS, WeatherAPI.

YRLess Sales & Service Management

Jan 2024 - May 2024

- Developed technical design documentation for the Sales Subsystem, focusing on database-backed management of sales data and report generation.
- Designed and implemented a scalable object-oriented system to support YRLess's telecommunications business model.
- Integrated MySQL database using JDBC, ensuring robust database connectivity and data persistence.
- Technology:** Java, Eclipse IDE, MySQL.

WORK EXPERIENCE

University of Nebraska-Lincoln - School of Computing

Lincoln, NE

Learning Assistant

Jan 2025 - Present

- Provided individualized support to over 60 students through one-on-one sessions and online platforms (Piazza), leveraging technical expertise and effective communication skills.
- Evaluated and graded student assignments on CSE servers (Handin, Web-grader).
- Oversaw computer lab sessions for 30+ students, offering guidance and fostering a productive learning environment.

University of Nebraska-Lincoln - College of Engineering

Lincoln, NE

Learning Consultant

Sep 2024 - Present

- Provided effective tutoring and academic support in Calculus I, II, and III as part of the Nebraska Engineering Support and Tutoring (NEST) program.
- Collaborated with the Engineering Student Services team to enhance student success, leveraging in-depth knowledge of engineering courses.

University of Nebraska-Lincoln - Dining Services

Lincoln, NE

Student Worker

Sep 2023 - Present

- Managed work areas effectively by following recipes and maintaining excellent customer service standards.
- Resolved operational challenges to ensure smooth dining hall functionality.
- Collaborated with supervisors and managers to uphold dining hall quality through clear communication and attention to detail.

Educational Talent Search

Lincoln, NE

Coding & Robotics Teacher Assistant

May 2024 - June 2024

- Assisted over 15 students in understanding and applying JavaScript coding and utilizing the Sphero robots app.
- Supported integrating JavaScript and Sphero Bolt technologies into curriculum activities, promoting interactive educational sessions.