

# DAT BUI

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## EDUCATION

### University of Nebraska-Lincoln

Bachelor of Science in Computer Science, May 2027

Lincoln, NE

GPA: 3.892

## SKILLS

**Frontend Technologies:** HTML, CSS, JavaScript, TypeScript, React, RESTful APIs, Tailwind CSS, Vite

**Backend Technologies:** C/C++, C/.NET, Java, Python, Node.js, ASP.NET, MySQL, SQL Server

**DevOps Data Analysis Tools:** Git, GitHub, Visual Studio Code, Eclipse, Power BI, MATLAB, Power Automate

## WORK EXPERIENCE

### KZValve, LLC

Greenwood, NE

#### IT Systems Support Internship

May 2025 - Present

- Resolved 100+ hardware and software issues, accelerating ticket resolution speed by 35%.
- Developed and automated engineering report workflows using Power Automate, SQL, and Power BI, enhancing data accuracy and streamlining reporting processes.
- Deployed and configured Dell PowerStore storage systems, expanding capacity from 2TB to 22TB per server and enabling scalable, high-speed data access across servers and virtual machines.
- Strengthened system security by remediating vulnerabilities with Rapid7, achieving a 31% reduction in risks.

### University of Nebraska-Lincoln - School of Computing

Lincoln, NE

#### Learning Assistant

Jan 2025 - Present

- Provided individualized support to 80+ students through one-on-one sessions and lab guidance, fostering a productive learning environment.
- Evaluated and graded assignments on CSE servers (Handin, Web-grader, CampusWire), providing feedback to ensure student understanding of Java and SQL concepts.

### University of Nebraska-Lincoln - College of Engineering

Lincoln, NE

#### Learning Consultant

Sep 2024 - Present

- Provided effective tutoring and academic support in Calculus(I, II, III), Linear Algebra, and Differential Equations as part of the Nebraska Engineering Support and Tutoring (NEST) program.

### 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.

## PROJECTS

### Ecommerce Store

March 2025 - May 2025

- Built a high-performance eCommerce web app using **React (TypeScript, Vite)**, and **Tailwind CSS**, delivering fast load times and smooth user interactions with responsive routing and state management via **React Router, React Query, and Context API**.
- Developed a scalable backend with **ASP.NET Core Web API, Entity Framework Core**, and **SQL Server**, applying clean architecture and **xUnit** testing for maintainable, reliable code.

### SideQuest

March 2025

- Developed a web application offering **11 hands-on projects** for student internship preparation, using **React** and **TypeScript** for a user-friendly interface.
- Integrated **FastAPI** for high-performance backend services, enabling seamless communication between frontend and server while enhancing engagement and learning outcomes.