

# Allie Sewell

alliesewell@gmail.com | (808) 829-6973 | Seattle, WA | [linkedin.com/in/allie-sewell](https://www.linkedin.com/in/allie-sewell)

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## EDUCATION

**The Ohio State University, College of Engineering | Columbus, OH**

**May 2027**

*Bachelor of Science in Computer Science & Engineering | Minor: Business*

*GPA: 3.5*

- **Specialization:** Database Systems & Data Analytics
  - Recipient of National Buckeye and Trustees Scholarships, and College of Engineering Dean's List
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## WORK EXPERIENCE

**NiSource**

**Columbus, OH**

*Public Awareness Program Operations Intern*

*May 2025 – Present*

- Collected and analyzed operational data to monitor plans, programs, budgets, and forecasts, enhancing reporting accuracy and efficiency.
- Created a professional presentation to be delivered by Damage Prevention Specialists to emergency responders in all six operating states.
- Collaborated with cross-functional teams to support project execution and improve workflow coordination across operational units.
- Utilized Tableau to visualize data trends and generate dashboards, supporting data-driven decisions within the Power Delivery team.

**The Ohio State University College of Engineering**

**Columbus, OH**

*Teaching Assistant (Software 2: Software Development & Design)*

*August 2024 – December 2024*

- Facilitated learning for 30+ students covering advanced topics like sorting algorithms, language processing with trees, component interface design, and Java best practices.
- Collaborated closely with professors and fellow TAs to ensure clear communication and a cohesive learning experience.
- Provided timely and constructive feedback by grading and reviewing student work.

**Beecher's Handmade Cheese**

**Bellevue, WA**

*Sales Floor Team Member*

*July 2022 – July 2023*

- Maintained high quality customer service in fast-paced situations.
- Communicated clearly and positively with coworkers, management, and customers.
- Resolved customer and restaurant issues quickly and efficiently.

**Aloha Devs**

**Remote**

*Market Research Intern*

*July 2022 – August 2022*

- Participated in conducting market research to find product market fit and devised an online marketing strategy for an event business.
  - Presented the resulting analysis to the client and helped execute the strategy.
  - Gained over 1,100 followers within two weeks.
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## ACTIVITIES & INVOLVEMENT

**Kappa Theta Pi Technology Fraternity**

**Columbus, OH**

*Social Committee Member*

*January 2024 – Present*

- Selected as one of 30+ founding members of this chapter, a professional fraternity focused on technology, leadership, and community.
- Serving on the Social Committee to organize events that foster community, strengthen member engagement, and enhance brotherhood.
- Collaborate with committee members to coordinate logistics, develop inclusive programming, and gather feedback to improve events.

**Students Consulting for Non-Profit Organizations (SCNO)**

**Columbus, OH**

*Associate Consultant*

*January 2024 – Present*

- 1 of 27 chosen from 200+ applicants to participate in a specialized training program focused on strategy and management consulting.
  - Collaborating with a team to achieve key outcomes, including the enhancement of the client's program through increased engagement, finding new funding, and strengthening the foundation of the organization.
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## PROJECTS

**Kappa Theta Pi Test Bank**

**January 2025 - April 2025**

- Created a secure test bank for Kappa Theta Pi members to upload and browse exams and study guides. Frontend implemented with HTML + CSS, backend implemented with Flask (Python), and the database was implemented through SQLite.

**HackOH/O AEP Challenge**

**October 2024**

- Competed in HackOH/O's American Electric Power (AEP) challenge which required participants to use LLMs to sort through a spreadsheet of data and find the most important pieces of information.
  - Implemented this by using Ollama to sort the data and MySQL to create a display of the data.
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## SKILLS

Java, Python, HTML, React.js, Tableau, Git, Linux, SQL, C, Matlab, CAD, Microsoft Office (Excel), Object Oriented Programming (OOP), JUnit Testing, Design-by-Contract, User Interface Design, Data Visualization, Machine Learning Models, Statistics

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## OTHER INFORMATION

**Languages:** English (Native), Spanish (Proficient)

**Interests:** Hiking, House Music, Vintage Shopping, Matcha, Skiing, New Pasta Dishes, Collecting Knick-Knacks