

# Ayden Lee

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## EDUCATION

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### Augsburg University

Bachelor of Science in Computer Science; minor in Data Science and Mathematics GPA; 3.5

Minneapolis, MN

Expected May 2026

### Awards/Honors:

Dean's List 2023-2025, Ed Saugestad Academic Award 2023-2024

### Relevant Coursework:

Data structure, Algorithms, Linear algebra, Graph theory, Web Apps, Software Engineering, Microsoft Access

## Technical Skills

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**Technical Skills:** Java, Python, HTML, CSS, JavaScript, R, Microsoft Access

**Software:** R Studio, Visual Studio, Github, Gitlab

**Frameworks/Technologies:** Node.js, Tailwind, Django, React

## RELEVANT EXPERIENCE

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### Python Student Instructor

Minneapolis, MN

#### *Student Instructor(Python)*

Aug 2025 - Present

- Assisted **15–25 students** during Python assignments, improving understanding of Python functionalities.
- Provided **one-on-one guidance**, helping students debug code and complete assignments efficiently.
- Contributed class quiz average to **82%** by providing targeted support to students in problem sets and assignments.

### Undergraduate Research — (In-progress)

Minneapolis, MN

#### *Learning the Behavioral Patterns of Human Brain Using Game Theoretic Approach*

Aug 2025 - Present

- Analyzed **5,000+** data points on brain behavior using python and game theoretic approach.
- Developed **10+** scripts and models to automate data processing and improve analysis efficiency by **20%**
- Modeled human decision patterns using Python and game theory to extract meaningful behavioral insights.

## PERSONAL PROJECTS

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### Personal Website

Saint Paul, MN

#### *Professional Portfolio*

Jan 2024 - July 2024

- Designed and developed a **responsive portfolio website** using **HTML, CSS, and JavaScript**.
- Showcased a variety of projects and technical skills, including web development, algorithms, and embedded systems.

### Augsburg Campus Navigation System

Minneapolis, MN

#### *Navigations Web App*

Set 2024 – Present

- Built a **campus navigation web app** that is displayed on the **university site** to help students find buildings easily.
- Built using **HTML, CSS, JavaScript, and Python** with **Flask** for backend routing and map integration.
- Integrated **Maps API** to provide real-time directions and dynamic route visualization across the Augsburg campus.
- Achieved **90%** location accuracy in building-to-building navigation, optimizing **pathfinding along sidewalks and roads**.

## Certificates/Online-Course

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### AWS/Cloud Certificates

#### *AWS Cloud Practitioner Essentials(Amazon)*

- Gained knowledge of **AWS cloud services, architecture, security, and deployment models**.
- Developed understanding of **AWS cost management, compliance, and core service** use cases.

## Extracurriculars

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### Coding Club

- Collaborated on **game jams and coding competitions**, developing projects and solving challenges as a team.
- Participated in a hackathon, gaining hands-on experience in collaborative and mastering GitHub operations

### Mens Soccer Team

- Member of the **Augsburg University Men's Soccer Team**, demonstrating leadership, discipline, and teamwork.
- Represented the **Hmong National Team** in an international tournament in **Portugal** where we qualified for the **2026 Concifa Cup**.

