

# Andy Dao

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GitHub: <https://github.com/ViviVoid> · Website Portfolio: <https://vivivoid.github.io/>

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## SUMMARY

Sophomore student majoring in Software Engineering with diverse experiences in a variety of projects requiring concise communication with other members. Strong interest in web applications and software development processes. Active involvement in clubs on campus with 12 hours/week in club activities and leadership positions.

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## EDUCATION

### Bachelor of Science Software Engineering

#### Minor: Data Science

Milwaukee School of Engineering

GPA: 3.25 | Expected Graduation June 2026

#### Relevant Courses

Web Applications

Software Tools and Process

Software Verification

Introduction to Artificial Intelligence (AI) Tools

## CO-CURRICULAR INVOLVEMENT

### Recruitment Chair, Triangle Fraternity

December 2023 - Current

### Member, MSOE AI Club (MAIC)

September 2022 - Current

### Event Planning Committee, Raider Robotics

May 2023 - Current

### Volunteer Work

45 hours in 2023 through the Robotics Education and Competition Foundation, Wausau Events, and Triangle Fraternity

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## PROJECT EXPERIENCE

**Disorder Chatbot**, GitHub Repository: <https://bit.ly/ASDHacksGivingRepo>

**November 2023**

### Web Application Project

Worked as a team to create a chatbot that a client could ask questions about developmental disorders for.

- Involved in developing the webservice to interact with the chatbot.
- Utilized API calls through JavaScript fetch requests for chatbox implementation
- Provided prompts to help guide users to frequently asked questions and query health providers.
- Implemented a Node.js environment to handle chatbot calls for the webservice

### Wordle Project

**September 2023**

### Scrum Process, Git Experience

Worked as a team to create a Wordle application in Java.

- Utilized and worked in a Scrum and Agile environment for software development
- Utilized GitLab to groom and manage a product backlog, manage issues and defects, and refine productive sprints

**Website Portfolio**, GitHub Repository: <https://bit.ly/aqdPortfolio>

**September 2023-Current**

### Website management and User Experience Application

Developing a personal website to deploy current and past projects as well as scheduling for availability.

- Developing project timelines and visualizations to easily share projects
  - Application of engineering process to set goals for exposure to user accessibility guidelines and features.
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## SKILLS

- |              |                   |            |                    |
|--------------|-------------------|------------|--------------------|
| • Java       | • C++             | • NumPy    | • Jupyter Notebook |
| • Python     | • Data Structures | • Pandas   | • MS Suite         |
| • JavaScript | • Object Oriented | • Scrum    | • Public Speaking  |
| • TypeScript | • Programming     | • React.js | • Git              |