

# Cade Rousseau

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## SUMMARY

B.S. Software Engineering student at MSOE with practical experience in hands-on and team-based projects. Working towards a minor in Data Science. Committed 15 hours per week to extracurricular school involvement and 10 hours to my job. I was recognized on the Dean's List in Spring 2024 and Fall 2024. Skilled in Java, Python, JavaScript, C++, and React. I'm actively seeking an internship to further enhance my coding, problem-solving, and collaborative skills. I have no preferences yet as I am just trying to expand my skillset. I adapt quickly to new challenges and am eager to learn and grow in the field of software engineering.

## EDUCATION

**B.S.** Software Engineering | Milwaukee School of Engineering | GPA: 3.4 | May 2027

**H.S. Diploma** | Waukesha West High School | Waukesha, Wisconsin | GPA: 3.81 | June 2023

## PROJECT EXPERIENCE

### • Personal Portfolio

- Developing a responsive and dynamic personal portfolio website using TypeScript, React, and Tailwind CSS to showcase projects and skills.
- Implementing modern design principles with Tailwind CSS for a clean and professional aesthetic, emphasizing usability and performance.
- Utilizing React components and TypeScript for type safety and maintainable code architecture.

### • Wordle Game (Group of 5)

- Developed a Wordle-inspired game with Java and JavaFX, including features for word guessing, feedback, and validation.
- Built a user-friendly graphical interface integrated with backend logic.
- Gained team collaboration experience using Scrum and improved version control skills with Git.

### • Travel Dataset Model Evaluation (Group of 2)

- Analyzed a dataset with 100,000 records using supervised (KNN, Logistic Regression) and unsupervised (K-Means) models to derive meaningful insights.
- Evaluated model accuracy, tested hypotheses, and documented findings in a comprehensive report.
- Strengthened skills in data analysis, model training, and statistical evaluation using Pandas, NumPy, and other libraries.

## TECHNICAL SKILLS

- |          |                |   |
|----------|----------------|---|
| • Java   | • JavaScript   | • Fundamentals of Deep Learning Certificate |
| • Python | • Pandas/NumPy |   |
| • REST   | • React        | • C / C ++                                  |

## LEADERSHIP | CO-CURRICULAR INVOLVEMENT | COMMUNITY SERVICE

**Cadet** | Army ROTC | January 2024 – December 2024 | 20 hrs. per wk.

**Member** | Society of Software Engineers | | August 2023 - Present| 1 hrs. per wk.

**Member** | AI Club| August 2023 - Present | 2 hrs. per wk.

**Member** | Billiards Club | | January 2024 - Present| 1 hrs. per wk.

**Scout** | Boy Scouts | June 2015 - March 2023 | 3 hrs. per wk.

**Volunteer** | St. Paul Catholic Church | June 2018 - August 2023 | 1 hrs. per wk.

## WORK HISTORY

**Cook** | Raised Grain Brewing Co. | June 2022 - Present | 15 hrs. per wk.

**Cashier** | Walmart | August 2021 - March 2022 | 15 hrs. per wk.

## INTERESTS

History | Weightlifting | Finance | Skiing | Reading