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
- Python
- REST
- JavaScript
- Pandas/Numpy
- React
- Fundamentals of Deep Learning Certificate
- 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