Kyle Poage

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Education

University of Wisconsin-Madison   May 2026
3.77 GPA
B.S Computer Science, B.S. Economics with a Mathematical Emphasis
Relevant Coursework
Data Structures and Algorithms, Elementary Matrices and Linear Algebra, Multivariable
Calculus, Intermediate Microeconomic Theory, Intermediate Macroeconomic Theory
Technical Skills: Java, Python, Kotlin, HTML, CSS, JavaScript, SQL, Git

Projects

Car Organizer   August 2023 - October 2023
- Implemented an iterable, multikey red-black tree to store different cars by mileage
- Developed an interactive frontend loop allowing users to load different CSV files and list the cars by mileage

Poker Simulator   September 2023 - Present
- Loved poker and programmed a functioning poker player to continue learning the game
- Calculated the odds of all player's hands after each flopped card

Mask Detector   November 2021 - January 2022
- Trained a mask detector model using convolutional neural networks to detect whether or not a person is wearing a mask

Scrabble Solver   December 2020
- Used Java to initialize a trie data structure to hold the English dictionary
- Recursively found every combination of inputted letters
- Continued the project by implementing a side game (clabbers)

Relevant Experiences

Phi Delta Theta Assistant Rush Chair   June 2023 - Present
- Organized events for potential new members, reached out to students, and collaborated with a team to prepare our rush schedule
- Recruited 19 new members through interviews, events, and tablings

Humorology   September 2023 - June 2023
- Performed and organized an interfraternity charity event that raised over 500,000 dollars for The Canopy Center (an organization focused on child abuse treatment and prevention)
- Received second place out of six teams, which all put on performances to raise money

Chipotle Crew Member   June 2020 - August 2022
- Made food, washed dishes, processed mobile orders, and cleaned the store
- Required quick thinking, customer service, and team-building skills