Zaeem Amin

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Education

University of California at San Diego   San Diego, CA
Bachelor of Science in Cognitive Science with specialization in Machine Learning and Neural Computation
Minor: Computer Science
GPA: 3.67   September 2022-June 2026
Relevant Coursework: Calculus 1-3, Linear Algebra, Neurobiology of Cognition, Introduction to Java

Leadership and Projects

RUBIK'S CUBE   San Diego, CA
Personal   June 2023
- Used Codebullet's Java code for the physics, properties, and AI for the Rubik's cube.
- The code was improved so the cube could use CFOP, more advanced algorithms, a solution log, and slowing down turn speed.

SNAKE   Greensboro, NC
Personal   January 2023
- Created a replica of the game snake using Python.
- Coded a window with a grid and created the snake, controlled using key inputs, randomly generated red blocks

MINESWEEPER   Greensboro, NC
Personal   July 2018
- Created a replica of the minesweeper game using Java by first adding a grid and coding a detection system for mines with numbers. Used the input of a click to reveal each tile and added a rules, game over, completion, and starting screen.
- Failure to figure out a matrix to successfully randomize a board resulted in the creation of one board.

ROCK, PAPER, SCISSORS   Greensboro, NC
Personal   March 2020
- Created an application with Java with the user inputting either rock, paper, or scissors and having the robot randomly choosing either.
- Robot would then calculate the winner and send the player to a win or lose. Also kept a scoreboard for wins and loses

TRIAD TUTORING   Greensboro, NC
Leader   August 2020 – May 2021
- Led and managed an online tutoring service for high school, middle school, and elementary students during the virtual school year

ICNA HELPING HANDS   Greensboro, NC
Ambassador   June 2018 – March 2020
- Logistics Ambassador of the international organization responsible for sending out clothes, housing, and foods to the Middle East. Also managed the funds for the annual Jordan trip to provide housing

Skills

Skills: Microsoft Visual Studio, Java, Python, Ev3 Robots, Intelligence Gathering, Predictive Modeling, Quantitative Analysis, Critical Thinking, Teamplayer, Communication, Windows, MacOS, Linux, Statistics and Probability, Adaptable, Flexible, and Time Management
Language: Fluent in English and Urdu, Semi-Fluent in French
Certifications: Microsoft Word, Microsoft Powerpoint, Microsoft Excel