Shreyansh Ediga Lakhamsani

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Education

University of California, Santa Cruz   *Class of 2027*

B.S. in Computer Engineering GPA: 4.0
Relevant coursework - Programming Abstractions: Python, Computer Systems and Assembly Language, Object Oriented Programming Java, Linear Algebra, Discrete Mathematics,

Folsom Lake Community College

Classes - CISP300 Algorithm Design, CISN304 Networking Technologies

Other

Coursera - Algorithms (Princeton), Deeplearning.ai - Prompt Engineering

Experience

Internship - Spica

Did an unpaid internship over the summer of 2024. I worked with python and a couple of Google's APIs to make a program that would plan trips to certain places, like the places to visit and the activities to do there. Which was then combined with Open AI's API to make a fully detailed trip with places, addresses, and descriptions of everything.

Projects

Wordle Clone

Created a clone of the popular Wordle game in Java and tested various search algorithms to solve the game. It takes into consideration the frequencies of each letter across the entire Wordle dictionary and uses a greedy-min-max strategy to narrow down words to find the optimal guess at each step.

Poker Website + Hand Strength Calculator

Created a website meant to teach people the mathematically proper way to play poker, and had sections on each round of poker. I also created a relative poker hand strength calculator using python and probabilities to calculate your chance of winning based on everyone's hands and the flop.
shreyediga.github.io/PokerForBeginners/

Skills

Technical: Java, Python, JavaScript, Open AI API, Google API, Github, ElevenLabs, Microsoft Office, Tutoring