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SUMMARY

Proactive Computer Science senior with robust programming skills in Java, C++, Python, JavaScript, HTML, and CSS. Experienced in software development and project management, with a keen interest in applying technical expertise to train and evaluate AI chatbots for coding. Demonstrates strong problem-solving skills, an aptitude for learning, and the ability to clearly articulate solutions and concepts. Eager to leverage programming skills in a dynamic AI development environment, ensuring high-quality training and performance evaluation of AI models.

EXPERIENCE

Entry-level Software Developer, MarketingAide

Houston, TX | July 2021 – April 2023

- Developed and executed innovative features in Java, C++, and Python, contributing to product improvement and client satisfaction.
- Worked collaboratively to define software requirements, significantly enhancing product design and functionality.
- Crafted comprehensive software documentation, streamlining development processes, and reducing support inquiries.

Python Tutor

Houston, TX | May 2018 – January 2024

- Instructed students in Python programming, simplifying complex concepts and fostering a deep understanding of coding principles.
- Created custom lesson plans and coding exercises, catering to individual learning needs and levels.
- Provided support and guidance on projects and assignments, improving students' problem-solving skills and coding proficiency.

PROJECT EXPERIENCE

Data Analysis with Machine Learning Algorithms

- Utilized Python and machine learning libraries to analyze datasets, developing predictive models to solve complex problems—a skill directly transferable to understanding and improving AI behavior.

Interactive Restaurant Website

- Led the development of a responsive website using HTML, CSS, and JavaScript, demonstrating proficiency in front-end development and UI design.

Java-based Blackjack Game

- Designed and implemented a Blackjack game applying OOP principles in Java, emphasizing maintainability and code reusability.

EDUCATION

University of Houston-Downtown, Houston, TX

Bachelor of Science, Computer Science

Financed educational expenses through full-time employment.

Houston Community College

Houston, Texas

Associate of Science, Computer Science

Worked full-time to finance educational expenses, demonstrating strong work ethic and time management skills.

SKILLS

- Programming Languages: Proficient in Python, Java, C++, JavaScript, HTML, and CSS.
- Coding Problem-Solving: Experienced in solving complex coding problems (akin to LeetCode, HackerRank challenges).
- Technical Documentation: Skilled in creating clear and comprehensive software documentation and explanations.
- Adaptability: Flexible and capable of working on a variety of projects in a remote setting, adjusting to different schedules and tasks.