EBUKA CHIDUBEM PRUDENCE UZOAMA

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EDUCATION

JACKSON STATE UNIVERSITY   JACKSON, MS

Major: Computer Science   May, 2028

G.P.A: 4.0/4.0

SKILLS

Technical Skills: Python, C++, CSS, Web Development, HTML.

Soft Skills: Time Management, Leadership, Microsoft Word, PowerPoint, and Excel.

PROJECTS

Tic-Tac-Toe Game   **Language: Python**

- Developed a text-based Tic-Tac-Toe game in Python using object-oriented programming, implementing real-time grid updates, win conditions, and draw handling to provide a smooth user experience.
- Built player vs. player mode with comprehensive input validation and robust error handling, ensuring seamless gameplay through console-based interaction while preventing invalid or duplicate moves.

Personal Portfolio Website   **Languages: HTML and CSS**

- Developed a personal portfolio website using HTML and CSS with About Me, Skills, and Contact sections to showcase my technical skills.
- Designed a modern user interface with intuitive navigation, implementing media queries for optimal performance across various devices (desktop, tablet, mobile).

EXPERIENCE

JACKSON STATE UNIVERSITY - DU BOIS HARVEY HONORS COLLEGE   **February 2025 - Present**

Peer Tutor

- Tutor students in calculus and computer science, providing personalized guidance on problem-solving techniques, algorithm development, and conceptual understanding.

SCHOOLHOUSE.WORLD   **September 2023 - Present**

SAT Math Tutor

- Teach SAT Math fundamentals, administer practice tests, and provide targeted exam strategies while contributing to Algebra, Computer Science, Calculus, and Physics subworlds.

ACTIVITIES AND PROFESSIONAL DEVELOPMENT

DataSpark by Break Through Tech [2025]   **Datathon**   **February 2025**

- Designed and implemented a binary classification model to predict smoking status using bio-signal data, leveraging statistical analysis, feature selection, and model optimization to enhance accuracy and reliability.
- Applied machine learning techniques, data preprocessing, and feature engineering to optimize model accuracy and interpretability using Python and cloud-based tools.

Black Venture Capital Consortium (BVCC)   **Software Engineering Curriculum Scholar**   **September 2024 - Present**

- Acquiring comprehensive proficiency in software engineering and Product management principles to design, test, and build robust programs for diverse hardware, operating systems, and networks, resolving complex real-world challenges.
- Demonstrating adeptness by engaging in simulated technical interviews with seasoned Software Engineers, gaining invaluable experience navigating technical discussions, and showcasing expertise in problem-solving, algorithms, and software design.

HONORS/ORGANIZATIONS

Honors/Awards: JSU Provost Academic Scholarship, Most Academically Dedicated Student 2022, International Negotiation Competition hosted by Global Together South Korea- Winner team 2021, Olympiad Uformatics and Mathematics (state level) 2020.

Organizations: Color Stack, Schoolhouse.world, W.E.B Du Bois - Harvey Honors College, International Students Association.