CHRISTA J. BACA

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SUMMARY OF QUALIFICATIONS

Adaptable – Quickly adapts to new settings, situations, and emerging technologies.
Confident – Frequently takes on leadership roles in team projects to drive successful outcomes.
Dedicated – Strongly passionate about learning, punctuality, and delivering high-quality products.

EDUCATION

UNIVERSITY OF TEXAS AT SAN ANTONIO   **San Antonio, TX**
Bachelor of Science in Computer Science, Overall GPA: 3.84   Jan 2020 – present

NORTHWEST VISTA COLLEGE   **San Antonio, TX**
Associate of Science in Computer Science   Graduated: May 2019

TECHNICAL SKILLS

PROGRAMMING LANGUAGES: Python, HTML / CSS, C / C++, Java, PHP, JavaScript / AJAX / jQuery, SQL, C#, Bash

ENVIRONMENTS & TOOLS: AWS, Adobe Dreamweaver, Google Colab, Jupyter Notebook, WordPress, Google & Firefox DevTools, Unity / Plastic SCM, Visual Studio Code, Anaconda, Vim, Eclipse, Github, Ubuntu Linux OS

PROJECTS

ROWDY CHAT   **UI/UX & Python Programmer**
Hackathon Web-App Project   Spring 2023
- Developed alongside a partner to create a ChatGPT-based web-app inspired by UTSA's mascot, "Rowdy", using Python with OpenAI and Gradio libraries.
- Improved the user interface by implementing CSS and modifying interactive Gradio components.
- Demonstrated creative problem-solving skills in a fast-paced environment by combining new technologies and completing the project within a short 8-hour time-frame.

DEBUGCOFFEE.ORG   **UI/UX & Backend Coordinator**
WordPress Ecommerce Website   Fall 2022
- Collaborated in a team to develop a digital storefront for selling coffee products to tech-enthusiasts.
- Led UI development by defining the theme, creating logos and product designs, and implementing custom CSS to enhance the user experience.
- Facilitated domain integration and utilized AWS cloud services to deploy the website, including setting up an EC2 instance and configuring phpMyAdmin for backend management.

CNN & LSTM DEEP LEARNING MODELS   **Python Programmer**
Artificial Intelligence Python Project   Fall 2022
- Developed and trained convolutional neural network (CNN) and long short-term memory (LSTM) models for classification tasks in the topics of computer vision and natural language processing.
- Utilized the CIFAR-100 and Reuters Newswire datasets to train the models, using the TensorFlow Keras API for important functions with model creation.
- Achieved high training and validation accuracy with low loss for each model, avoiding overfitting.

HONORS & ASSOCIATIONS

UTSA President's List   RowdyHacks 2022 & 2023
Distinguished Transfer Scholarship   Indonesia Pertiwi Dance Group
Semmes Scholarship

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