

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

Bachelor of Science in Computer Science, Overall GPA: 3.84

San Antonio, TX

Expected Graduation: Fall 2023

NORTHWEST VISTA COLLEGE

Associate of Science in Computer Science

San Antonio, TX

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

Distinguished Transfer Scholarship

Semmes Scholarship

NCWIT Honorable Mention Affiliate

RowdyHacks 2022 & 2023

Indonesia Pertiwi Dance Group

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