

# CHRISTA J. BACA

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## SUMMARY OF QUALIFICATIONS

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**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

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### 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

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**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

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### 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

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UTSA President's List

Distinguished Transfer Scholarship

Semmes Scholarship

NCWIT Honorable Mention Affiliate

RowdyHacks 2022 & 2023

Indonesia Pertiwi Dance Group

github: @cjb-dev • linkedin.com/in/christa-baca