

Miguel A. Guerrero

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PROFESSIONAL PROFILE

An ambitious and results-driven student. Holds strong leadership skills along with the ability to deal creatively and practically with problems and interact with colleagues. Possess a high interest in software development, data science, and virtual reality.

EDUCATION

Bachelor of Science in Computer Science
Minor in Math
Certificate in Design Thinking
Colorado State University, Fort Collins, CO

Expected May 2020

Associate of Science
Font Range Community College, Westminster, CO

Graduate May 2018

PROFESSIONAL EXPERIENCE

Undergraduate Research Volunteer

January 2019 – Present

- Develop an application for Microsoft HoloLens to work in conjunction with a robot to communicate in a virtual environment
- HoloLens programmed in **Unity** and **C#** robot programmed in **Python**

MURALS Presenter

March 2019

- Presented my research to individuals and group during *Multicultural Undergraduate Research Art and Leadership Symposium*
- Educated and communicated with individuals in non-STEM fields to support clarity in the field

PROJECTS

Cipher Game

February 2019

- Collaborated with a team during CU Boulder HackCU to make a kid's game about ciphers
- The game was intended to make kids interested in the concept of cybersecurity
- Tasked with combining all scenes using **Python** in conjunction with **PyQt** library

Image Classification

January 2019

- Built and trained a model that identifies species of flowers from images as a challenge project for Udacity scholarship
- Utilized **Python** in conjunction with **PyTorch** library to accomplish this

Website

November 2018

- Programmed a personal website from scratch using **HTML** and **CSS** to display personal projects
- cs.colostate.edu/~miguelgu

Virtual Soundboard

October 2018

- Collaborated with a team during CSU Create-a-thon to make a virtual soundboard with an interactive sound visualizer
- Tasked with producing the background using **Unity** and **C#**
- Won the *Land Grant Vision Award*

TECHNICAL SKILLS

- Java
- Python
- C++
- C#
- JavaScript
- HTML/CSS
- Bilingual in Spanish (written and spoken)
- Advance operational skills in MS Windows
- Advance operational skills in Linux
- MS Office proficient