

BENJAMIN ESTELA

Software Engineer

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PROJECTS

An American AVK Automation

CS 426 - Senior Projects

📅 Fall 2019 – Spring 2020

- Developed an image recognition app within a small group using machine learning and augmented reality to recognize American AVK fire hydrants.

Apesphere

CS 480 - Computer Graphics

📅 Fall 2019

- Developed a ball rolling puzzle game from scratch using OpenGL and C++.

CampusTV

📅 Summer 2019

- Developed a Discord application using Python 3 where a livestream database is regularly updated to promote important information.

Miner Mike

CS 381 - Game Engine Architecture

📅 Spring 2019

- Developed a game engine using OGRE and C++ to create a basic computer game.

Vini Rolf

CS 484 - Virtual Reality

📅 Spring 2019

- Developed a simple mini golf computer game in Virtual Reality using Unity, C#, and SteamVR.

EXTRACURRICULAR

Club President

Nevada Esports

📅 Spring 2018 - Winter 2019

- Maintained a leadership position of a university club that runs multiple sizable overnight events and competitive collegiate gaming teams for hundreds of university students.

Club Treasurer

UNR Game Developers

📅 Spring 2019 - Fall 2019

- Operated and maintained finances for game developer gatherings in the Reno-Sparks area.

Student Member

UNR Association of Computing Machinery

📅 Spring 2017 - Spring 2020

EDUCATION

B.S. Computer Science and Engineering

University of Nevada, Reno

📅 Fall 2016 – Spring 2020

JOB EXPERIENCE

Student Worker

UNR Office of Information Technology

📅 Spring 2019 - Spring 2020

- Maintained upkeep of computers across the university campus.
- Tech: System Center Configuration Manager, Active Directory

TECHNICAL SKILLS

Programming Languages

C/C++

Python

HTML/CSS

C#

Java

Dart



Development

Android Studio

DBMS

Flutter

Git

GLSL

LaTeX

Linux

OGRE

OpenGL

Unity

Unreal Engine

Visual Studio

Vim

VR

Windows

VOLUNTERRING

- Convoy of Hope
- Harvest Church
- Green Valley Christian Center

ACHIEVEMENTS

Gaming at the University of Nevada, Reno

- 3rd - Tespa Snow Day 2018
- 10th - Overwatch Collegiate Championship, Fall 2019
- 1st - Mountain West Championship Series
- 9th - StarCraft II Tespa Collegiate Series