

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 in a small group using machine learning and augmented reality to recognize fire hydrants using Java and TensorFlow.

ApeSphere

CS 480 - Computer Graphics

📅 Fall 2019

- Created a 3D platforming game using C++, OpenGL, and GLSL.

CampusTV

📅 Summer 2019

- Developed and maintained a Discord.py application where a livestream database is regularly updated to promote broadcasting information.

Miner Mike

CS 381 - Game Engine Architecture

📅 Spring 2019

- Built a game engine using C++ and OGRE 3D to create a point-and-click computer game.

Vini Rolf

CS 484 - Virtual Reality

📅 Spring 2019

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

EXTRACURRICULAR

Club President

Nevada Esports

📅 Spring 2018 - Winter 2019

- Held the primary leadership position of a university club that ran multiple large overnight gaming 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

- Assisted at student events such as hackathons and programming seminars.

EDUCATION

B.S. Computer Science and Engineering

University of Nevada, Reno

📅 September 2016 - May 2020

JOB EXPERIENCE

Student Worker

UNR Office of Information Technology

📅 April 2019 - May 2020

- Maintained upkeep of computers across the university campus.
- Worked with various university faculty to implement new computer systems.
- Gained experience with System Center Configuration Manager and Active Directory

TECHNICAL SKILLS

Programming Languages

C C++ Python Java C#
HTML CSS JavaScript

Development

Android Studio Git GLSL jQuery
LaTeX Linux OpenGL SQL
Unity Unreal Engine Visual Studio
VR Windows XML

SOFT SKILLS

Adaptability Collaboration
Creativity Detail-Oriented
Effective Communication
Public Speaking Team Player

VOLUNTEERING

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