# 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

- 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 broadcasting 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 ran 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**

📅 May 2020

## JOB EXPERIENCE

### Student Worker
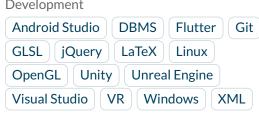**UNR Office of Information Technology**

📅 April 2019 - May 2020

- Maintained upkeep of computers across the university campus.
- Gained experience with System Center Configuration Manager and Active Directory.

## TECHNICAL SKILLS

Programming Languages

C  C++  Python  Java  C#  HTML  CSS  JavaScript  Dart

Development

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

## VOLUNTEERING

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

## ACHIEVEMENTS

Gaming at the University of Nevada, Reno

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