

Joseph Dante Giusti

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SKILLSET & INTERESTS

I am looking for a junior developer role where I can utilize my skills and degree in the computer science field. I have experience designing games, apps, desktop software, and web sites. I'm hard working, driven, a solid communicator, and excited to be part of the team.

I have experience with C#, C, Python, Java, Javascript, HTML, and CSS. Code examples can be found on my portfolio website: **JoeHome.org**

PROJECTS

Portfolio Website

A portfolio containing videos, live demos, and code examples for some of my favorite projects is viewable on my website: **JoeHome.org**

Neural Net Controlled Camera

Using python tensorflow for machine learning and the Unity MLAgents plugin a neural net was trained to follow a target in a virtual environment.

Augmented reality classroom App

Integrating the Vuforia API in Unity 3D this mobile application allows students to view a virtual microscope with various slides on their desk using augmented reality.

Bubble Pop Vr

A casual VR game soon to be released on steam. The player pops balloons with various tools in a cartoon world. It supports local multiplayer and uses custom vr input scripts (C#).

SpeakNotes App

This native Android Java app loads notes from google's firebase database and reads them to headphones with a text to speech API so notes can be reviewed on the go.

Experiments with Portals

A 3D game in unity experimenting with portals like in the game portal.

“BeFluent” Language Learning App

A native android java application that teaches a language of the users choice.

Plane game

Simple webGL game where the player uses the keyboard to avoid oncoming obstacles.

Virtual Memory garden

An anniversary gift created in Unity 3d with C#.

Atomic Simulation

An attempt to simulate matter at the atomic level to more intuitively understand chemistry.
Created in Unity using the C# programming language.

EDUCATION

Western Governor's University:

Bachelors in Computer Science

2018-2020

PROFESSIONAL EXPERIENCE

James F Mullen Co.

Technical Design

- CAD Draftsman and designer
- Process engineer
- Quality control manager
- Machine Operator (whenever engineering office was closed and production floor was open)

Merrimac, Ma

June 2011-August 2013

Bradford Ski Resort

Instructor & Relations

- Taught downhill ski lessons to groups of varying ages and backgrounds
- Led groups of 4 - 12 on the slopes

Bradford, MA

December 2010 - March 2012