

# Joseph Dante Giusti

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## **SKILLSET & INTERESTS**

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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**

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### **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

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### Western Governor's University:

Bachelor's Degree in Computer Science

2018-2020

[www.wgu.edu](http://www.wgu.edu)

### Valencia College:

Associates Degree (General Education)

2016-2018

[www.valenciacollege.edu](http://www.valenciacollege.edu)

## WORK EXPERIENCE

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### Thomas & Betts

Instructor & Relations

☐ Machine operation

**Daytona, FL**

2015 - 2016

### James F Mullen Co.

Technical Design

☐ CAD Draftsman and designer

☐ Process engineer

☐ Machine Operation

☐ Quality control department

**Merrimac, MA**

June 2011-August 2013

### Bradford Ski Resort

Instructor & Relations

☐ Taught downhill ski lessons

☐ Led groups of 4 - 12

**Bradford, MA**

December 2010 - March 2012