

Joseph P. Pecoraro

2777 SW Archer Road, Apt 226, Gainesville, FL 32608
jpecoraro342@ufl.edu, (941) 718 - 0343
josephpecoraro.me

Education	Computer Engineering (Software), Bachelor of Science University of Florida	May 2016 GPA: 3.43
Skills	Objective C, iOS, Java, C#, JavaScript, Swift, C++, Unity, .NET, Android, Ruby, MSSQL, Matlab, HTML, CSS	
Experience	Software Engineering Intern - Ultimate Software, Inc. 05/2015 – 08/2015 <ul style="list-style-type: none">Developed administrative dashboard as part of the new ACA feature being put into production in the next release cycle; The dashboard provides important information to allow clients to view and manage their ACA complianceCreated modular back-end using C#, .NET, and MSSQL, and integrated it with a dynamic UI built with JavaScriptUpdated Ruby deployment scripts using Chef to comply with new security requirements and latest standards Lead iOS Developer - Starter Space 05/2014 – 05/2015 <ul style="list-style-type: none">Developed multiple applications for both in house and external clients: Haulbox, Proximity, Kiwee, etcBuilt custom libraries for reuse across applications including a Barcode Scanner, Networking Library, Fitbit API Integration, TrueVault HIPPA API Integration, Image Caching System, Login/Registration Pages, and moreResearched and tested various Bluetooth LE beacons for use in micro-location software and created an application to demonstrate different uses for the technology Lead iOS Developer - Bafit, LLC 08/2014 – 01/2015 <ul style="list-style-type: none">Developed version one of Meerchat, a local social app that allows users to meet new people through video sharingBuilt video playback and instant messaging features utilizing AWS, Jabber, and an XMPP messaging framework Teaching Assistant - Programming Fundamentals 2 01/2014 – 05/2014 <ul style="list-style-type: none">Taught two weekly C++ lab sections of 25 students eachGraded projects, exams, and homework assignments	
Projects	Citrus Keyboard - Unity/C# <ul style="list-style-type: none">Collaborated with team of 3 to design a virtual keyboard optimized for use with a gamepadDeveloped keyboard prototype for PC that was usable with a PS3 or Xbox360 controllerConducted user study to compare speed, accuracy, and usability of our keyboard to existing models Mage Knight - Unity/C# <ul style="list-style-type: none">Created a playable demo of an original top-down 3D dungeon crawler complete with all standard RPG featuresImplemented a custom character controller with realistic physics, dynamic attack modes, and gamepad integrationModified existing animations to complement character actions, and give the game a realistic look and feel Risky Business - Android <ul style="list-style-type: none">Project lead on a team of 5 to create an adaptation of strategy board games on the Android platformDesigned and implemented an easy to use interface for game interactionWrote logic for dynamically adding all the game's UI elements to the screenCreated custom ViewGroups to provide zoom and pan, and increase responsiveness on multiple devices Defend The Herd - Unity/C# <ul style="list-style-type: none">Won best game at CodeDay Orlando hackathonLed programming team by overseeing the design and implementation of the game logicEnhanced enemy wolf ability by developing clever AI	
Involvement	Association of Computer Engineers (<i>SwampHacks Chair, Lead Oculus Developer</i>), Association of Computer Machinery (<i>Member</i>), Kappa Phi Epsilon (<i>Technology Director</i>)	