

Joseph P. Pecoraro

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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. <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	05/2015 – 08/2015
	Lead iOS Developer - Starter Space <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	05/2014 – 05/2015
	Lead iOS Developer - Bafit, LLC <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	08/2014 – 01/2015
	Teaching Assistant - Programming Fundamentals 2 <ul style="list-style-type: none">Taught two weekly C++ lab sections of 25 students eachGraded projects, exams, and homework assignments	01/2014 – 05/2014
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>)	