JUSTIN CANO

junior software engineer and maker

www http://jcano.me   /hyperbit   jcano001@ucr.edu

☎ (650) 318-1553   📱 (650) 255-0098

📍 SF Bay Area, CA

OBJECTIVE

To obtain a fulfilling software engineering position that will challenge me to develop new skills, sharpen existing ones, and broaden my knowledge to become an overall better engineer.

EDUCATION

University of California, Riverside

B.S. Computer Engineering   CGPA: 3.109   *June 2014*

Relevant Coursework: *Data Structures & Algorithms*, *Embedded & Real-Time Systems, Operating Systems, Computer Architecture, Information Retrieval, Computer Graphics, Modeling & Simulation*

EMPLOYMENT

Software Engineering Intern *JetHead Development, Inc.*   *Jun 2013 – Sep 2013*

- Attended daily meetings to discuss productivity and other topics in a Scrum methodology.
- Software Development in C++ for Set-Top-Box integration services involving sophisticated middleware solutions
- Debugging the company's RVU client application; Issue tracking communication through JIRA
- Working with Broadcom embedded systems
- 'Board Bring Up', including powering up, mounting, and flashing the board using SSH and/or serial communication

PROJECTS

Sep 2014
To-Do List
A to-do list iOS app developed for my own learning experience.

Aug 2014
Projects Blog
A blog to showcase my projects. Built with Ruby on Rails.
http://blog.jcano.me

Sep 2013 – Jun 2014
Learning Thermostat
A Raspberry Pi implementation of the Nest Learning Thermostat, written as a multithreaded Python program (UCR EE Senior Design Project).

Jan 2014 – Apr 2014
Modeling and Simulation
A statistics model for calculating average waiting times of a building elevator system vs. a portal system (UCR).

May 2013 – Jun 2013
Intro. Information Retrieval
A Java implementation of a web crawler and search engine, parsed using jsoup (UCR).

Aug 2014
Blitz, PoweredbySpritz™
An online eBook to plain text renderer integrated with Spritz reading technology.
http://www.blitz.pw

Jun 2014 – Jul 2014
Raspberry Pi Camcorder
A dedicated device developed for the University of California, Riverside Entomology Research Department.

Apr 2014 – Jun 2014
Mobile 3D Graphics Game
A runner-style mobile game created using the Unity3D game engine (UCR CS Senior Design Project).

Sep 2013 – Dec 2013
Interm. Embedded Systems
A home automation system with an alarm clock, implemented with an ATMega1286 and Arduino Uno (UCR).

SKILLS & EXPERIENCE

C/C++/C#/CSIM	Linux
Python	Mac OSX
Objective C	Windows
JavaScript	Git
Ruby on Rails	HTML & CSS
PHP	Pusher
Object Oriented	AWS S3
Design	MVC Design Pattern

ACTIVITIES

Sep 2014
Evernote Coding Challenge
Participated in the Evernote Coding Challenge, hosted on HackerRank. Successfully implemented a Python solution and received 100/100 points.

Sep 2014
Kairos Retreat Leader
Volunteered as a leader for a week long spiritual youth retreat known as Kairos, hosted by Archbishop Riordan High School.

Sep 2012 – Feb 2013
ΖΦΡ Executive Board Member
Served as the Associate Educator (New Member Liaison) for ΖΦΡ, Θ Chapter. Organized new member events to ensure a smooth membership transition.