

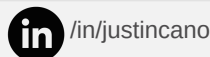


JUSTIN CANO

software engineer and tinkerer



Know me better at



Education

Jun 2014

Computer Engineering – B.S.

Bourns College of Engineering

University of California, Riverside

CGPA: 3.109

Employment

Jun 2013 – Sep 2013

JetHead Development – Software Engineer Intern

Responsibilities include:

- 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 2013 – Jun 2014

Senior Design in Electrical Engineering – Embedded Systems

Created a learning thermostat (like the Nest) using a Raspberry Pi and an Arduino, guided by Professor Ping Liang. This group project features a multithreaded Python implementation that predicts when a user leaves/arrives home and automatically sets the indoor temperature according to the user's preferences. We also developed an API to interface with a web application.

May 2013 – Jun 2014

Senior Design in Computer Science –Graphics and Electronic Games

Created a runner-type mobile game using the Unity3D game engine, guided by Doctor Victor Zordan. My group developed this game from the ground up, including custom 3D models and animations and culling algorithms to reduce latency. We are currently working with Dr. Zordan to provide exclusive copyrights so his team may further develop and produce the game.

Jun 2014 – Jul 2014

Raspberry Pi Camcorder

Developed a Raspberry Pi dedicated device for the University of California, Riverside Entomology Research Department in order to successfully capture footage of insect eggs in remote urban and agriculture environments to look for natural predators of the Brown Marmorated Stink Bug.

About Me

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Mobile: (650) 255-0098
Work: (650) 318-1553
Email: jcano001@ucr.edu
Location: South San Francisco, CA
Website: http://jcano.info
Availability: Fulltime or Contract

Professional Skills

| | |
|------------------------|---|
| C/C++/C#/CSIM | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| Java | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| Python | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| Ruby on Rails | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| HTML/CSS | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| Object Oriented Design | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| UNIX Administration | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| Team Player | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| Communication | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |