

# Justin Michael Cano

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## EDUCATION

### Computer Engineering, B.S.

*June 2013 (Projected)*

University of California, Riverside, *Riverside, CA*

### High School Diploma

*June 2009*

Archbishop Riordan High School, *San Francisco, CA*

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## TECHNICAL SKILLS

- Extensive knowledge of PC systems and architecture
- Familiar with Windows, Mac, and Linux environments
- Fluent in many leading programming languages, including C/C++, Java, Python, HTML, and PHP
- Troubleshooting and debugging

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## QUALIFICATIONS

- Microsoft Office proficiency
- Experienced in OOP
- Skilled at learning new concepts quickly, working well under pressure, and communicating ideas clearly and effectively
- Enthusiastic about learning new things and meeting new people
- Able to change focus from one task to another quickly and efficiently
- Experience in an academic environment as a current UCR Undergraduate student
- Experience in working a real-world working environment as a Software Engineer Intern at JetHead Development

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## WORK EXPERIENCE

### JetHead Development

*June 2013-Sept 2013*

*San Diego, CA*

Responsibilities include, but are not limited to:

- Software development in C++ for Set-Top-Box integration services involving sophisticated middleware solutions
- Debugging of the company's application code
- Working with Linux embedded systems
- 'Board Bring Up', including powering up, mounting, and flashing the board using SSH and/or serial communication

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## PROJECTS

### Intermediate Embedded and Real-Time Systems Final Project:

#### Home Automation System w/ Smart Alarm Clock

Using a variety of electronic components, I have emulated a home automation system with an alarm clock that doesn't turn off unless it detects movement. The home automation system includes a pass code door lock and drape control system. This project was made possible with an ATmega1286 microprocessor coded entirely in C using the AVR Studio IDE. A Google Doc link to the source and video demonstration is provided for more information:

[https://drive.google.com/folderview?id=0B-AI2C\\_nEwvTmwY05uWjVzeHM&usp=sharing](https://drive.google.com/folderview?id=0B-AI2C_nEwvTmwY05uWjVzeHM&usp=sharing)

### Zetabase

Although not yet in working production, Zetabase is a user domain space web application for the active members of Zeta Phi Rho, Theta Chapter. The program is written primarily in PHP to interact with MySQL database system. More information can be found in my GitHub account under my "Remote Repositories" section.

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## REMOTE REPOSITORIES

**GitHub** (used for personal projects) – <http://www.github.com/jcvno>

**BitBucket** (used for academic projects) – <http://www.bitbucket.com/jcano001>