

Jaime Rodriguez

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Email: jaime4@pdx.edu

Internship Period:

Spring-Summer / 2014

Citizenship:

U.S. Citizen

Work Status:**Education:**

Grade Level: Junior Internship: 1st

Electrical Engineering, Portland State University

Cumulative GPA: 3.21

Graduation: spring 2016

Other Related Classes: DIGITAL CIRCUITS, DIGITAL SYSTEMS

ENGINEERING PROGRAMMING-"MATLAB, C"

ELECTRIC CIRCUIT ANALYSIS I, II, III

ELECTRONICS I

ELECTROMAGNETICS I

MICROPROCESSORS

Languages spoken in addition to English: Spanish- fluently able to communicate, read and write.

Experience:

Hotel Modera, Night Auditor

06/2013 - present

Works the night shift handling the duties of the front desk reception, also handling running the night audit, double checking all balances before finalizing and settling charges, preparing the hotel for the morning

Wireless Tech, Technician

09/2011 - present

Store Technician in charge of evaluating and repairing cell phones, computers and electrical devices, also manage and order inventory and deal with customers.

Professional Areas of Interest / Skills:

Prototyping and design, optimization, digital signal processing, and automotive engineering are some of the areas that I am interested in.

Programming/design software that I'm proficient in - (AutoCad, Basic, Visual C, Matlab, LtSpice, Verilog)

Hobbies:

Electronics repair, computer programming, working on cars, painting and drawing

Essay Questions:

Tuesday, March 18, 2014 12:06 PM



1. Why did you choose this particular discipline as a career path?

I never really had any idea of what I wanted to be, as I grew up I realized I loved taking things apart and trying to figure out how things worked. I believe that I would find myself successful in any type of career that required me to create, but we are surrounded by technology more and more all the time, and I want to be able to understand how these things function and are created and maybe someday create something useful and innovative myself.

2. As an engineer or business professional what type of problems would you like to solve? (ex: renewable energy, reduce noise of jet engines, smaller/faster chip, etc.)

My ideal job would be working on a team designing consumer electronics combining hardware and software in new and innovative designs. I have always had a creative eye for style and design, I want to help create products that will be used throughout the world by people to simplify their lives.

3. How do you think working at a company as an engineer or business professional will be different from learning in school?

In school we not only learn problem solving and how to work using many computer applications but eventually we end up learning time management, being responsible for ourselves, making sure we complete all our assignments correctly and in a timely manner. I feel that working as a professional will eventually seem very similar to being in school but on a much more serious note.

4. What goals would you like to achieve on your internship? What do you think you can offer to the company who selects you?

I hope to return from my internship with a better understanding of what it means to be an engineer, how to design and realize projects. I feel I can offer strong communication skills, I have the ability to interact, receive and give valuable feedback, knowing how to deal with complicated situations, and being able to perform under stressful environments. I'm also a quick problem solver, and have a strong work ethic.