Jonathan Lee Valdez

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Objective

Seeking an internship for Summer 2013 and a full time position in January 2014. Interested in an Electrical Engineering field in Communication, Control, Signal Processing, and/or Computer Engineering and Systems.

Education

Texas A&M University, Dwight Look College of Engineering, College Station, TX   Aug 2010 - Present
   Bachelor of Science in Electrical Engineering
   Graduation date: December 2013
   Area GPR: 3.19   Cumulative GPA: 2.97

Texas A&M University – Galveston, Galveston, TX   Sep 2009 - May 2010
   General Academics
   GPR: 3.387

Clear Lake High School, Clear Lake City, TX   June 2009

Experience

Texas A&M University Statistics Department, College Station, TX   Jun 2012 – Present
   Network Technician
   - Linux and Windows domain networking, server diagnosis and repair, IT Support

Best Buy, College Station, TX   May 2011 – Aug 2011
   Computer Sales Associate
   - *Finding solutions to meet customer's needs on a daily basis*

Texas APN Resources, Clear Lake City, TX   Jun 2009 – Present
   Computer and Network Technician
   - Handled digital files and repaired computers

Dr. Emmie Ko Hand Surgeon, Clear Lake City, TX   May 2008 – June 2010
   Data Systems Manager and Technician
   - Website construction, digital paperwork management and computer repair

Personal Projects   Jan 2009 - Present
   - Created multistage analog amplifier / signal processor
   - Used Microcontrollers to create proprietary communication protocols amongst networked devices using C and MIPS Assembly
   - Used PIC Microcontrollers as digital signal processors using C and MIPS Assembly
   - Wrote PHP library that can process and graphically view text messages from iPhone using PHP and MySQL

Computer Skills / Programming Languages

- Linux Server Administration, Active Directory, NAS Configuration, Windows and Linux domain networking
- Comfortable with Linux command line administration
- Proficient in Java, MIPS Assembly, Verilog, C and C variants, HTML, PHP, and MySQL

Relevant Coursework

- ECEN 248 (Introduction to Digital Systems Design using Verilog)
- ECEN 214 (Electrical Circuit Theory using Labview)
- ECEN 314 (Signals and Systems)
- ECEN 322 (Electric and Magnetic Fields)
- ECEN 370 (Electrical Properties of Materials)
- ECEN 303 (Random Signals and Systems)
- ECEN 325 (Electronics)
- ECEN 350 (Computer Architecture and Design)
- ECEN 454 (Digital Integrated Circuit Design using Cadence)
- ECEN 449 (Microprocessor System Design)
- ECEN 444 (Digital Signal Processing)
- ECEN 455 (Digital Communications)
- ECEN 442 (DSP Based Motion Control)