DIEGO MORENO

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OBJECTIVE

To obtain an Electrical Engineering position where I can further utilize my knowledge and experience in the field while applying them for the benefit of the company

EDUCATION

Sept '09 – Present **BS, Electrical and Computer Engineering, Dec. 2014** *GPA 3.43/ 4*
University of Texas at Austin, Cockrell School of Engineering
Relevant Coursework:
Intro to Embedded Systems, Linear Systems and Signals, Digital Systems Design, Circuit Theory, Computer Architecture, Digital Signal Processing, Algorithms, Intro to Automatic Control, Software Design/Implementation

WORK EXPERIENCE

Jan '13 – May '13 & Aug '13 – Present **Entry-Level Validation Engineer, Cirrus Logic**
- Assisted in the development and execution of DSP validation tests
- Became familiarized with multi-mode mixed signal simulation tools, mixed signal macro modeling, and test bench creation, organization, and automation

May '13 – Aug '13 **GDS Lab Services Intern, Cisco Systems**
- Supported the Cisco's RSPTG Engineering labs by configuring and deploying virtual machines, PDU's, switches, servers, and routers
- Aided with the ordering, shipping, and receiving of lab equipment

May '12 – Aug '12 **IT & Computer Facilities Manager, College Houses**
- Configured and maintained computer lab and equipment at 21st Street Co-op
- Managed Ethernet network and DML for a 100+ student dormitory

PROJECTS

Jan '11 – May '11 **Digital Design**
- Designed and programmed a piano in a computer keyboard with the use of a Xilinx Spartan board
- Key Skills: VHDL programming

Jan '11 – May '11 **NodeBuilder Serial**
- Controlled a Neuron C based program through serial communication and the use of Echelon NodeBuilders
- Key Skills: Neuron C programming

SKILLS

Test/measurement: Signal generators, oscilloscopes, digital power analyzers, soldering
Assembly languages: TI TMS320C6700 DSP, LC-3B ISA
High-Level languages: C, Java, HTML, CSS
Software development: TI Code Composer Studio
Algorithm development: LabVIEW, MATLAB
Systems simulated: Software-defined radio
Real-time implementation: Voiceband transceiver
Spoken languages: English, Spanish

MEMBERSHIPS

Oct '12 - Present **Alpha Lambda Delta & Phi Eta Sigma**
- Honor societies for students who obtained and maintained 3.5 or higher GPA and are in the top 20% of their class

Employability Status: ***Full Employability***