DIEGO MORENO

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EDUCATION

Bachelor of Science in Electrical Engineering	The University of Texas at Austin	Dec 2014
	Overall GPA: 3.32/4.00	

EXPERIENCE

Entry Level Validation Engineer Intern - Cirrus Logic — Aug 2013 – Aug 2014 / Jan 2013 – May 2013
- Conceptualized and developed framework software for multi-DUT validation tests
- Assisted in the development and execution of DSP validation tests
- Gained experience in test-bench creation, organization, and automation

Freelance Scripting - SXSW, LLC — Spring 2014
- Enhanced film documentation and logistics using JavaScript and Google Apps Script

GDS Lab Services Intern - Cisco Systems — May 2013 – Aug 2013
- Supported Cisco's RSPTG Engineering labs by configuring and deploying virtual machines, PDU's, switches, servers, and routers
- Aided with ordering, shipping, and receiving of lab equipment

IT & Computer Facilities Manager - College Houses — May 2012 – Aug 2012
- Managed Ethernet network and DML for 100+ student dormitory
- Configured and maintained computer lab and equipment

PROJECTS

Senior Design Project – SeizeAlert; The University of Texas at Austin — Fall 2013 – Spring 2014
- Conceptualized, designed and developed a seizure detection and notification system for Pebble smartwatch in Android environment

Digital Design; Monterrey Institute of Technology — Spring 2011
- Designed and programmed piano in computer keyboard with use of Xilinx Spartan board using VHDL programming

Echelon NodeBuilder Serial Communication; Monterrey Institute of Technology — Spring 2011
- Controlled network of Echelon NodeBuilders through serial communication using Neuron C based program

SKILLS

Excellent Writing and Communication Skills
Test/measurement: Signal generators, oscilloscopes, digital power analyzers, soldering
Assembly languages: TI TMS320C6700 DSP, LC-3B ISA
High-Level languages: C, Java, JavaScript, HTML, CSS, Google Apps Script
Software development: TI Code Composer Studio
Algorithm development: LabVIEW, MATLAB
Systems simulated: Software-defined radio
Real-time implementation: Voiceband transceiver
Team collaboration: GitHub, Tortoise SVN, Assembla, Confluence, Jira
Spoken languages: Fluent in English and Spanish, Basic French

ACCOMPLISHMENTS

Recipient, TAMS award, 2011-2014
Active Member, Alpha Lambda Delta, Honors Society
Active Member, Phi Eta Sigma, Honors Society
Interests: Cooking, Soccer, Motorcycles, Reading, Martial Arts, Musical Instruments