DIEGO MORENO

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EDUCATION

University of Texas at Austin — Bachelor of Science in Electrical Engineering — Fall 2014
Overall GPA: 3.2

EXPERIENCE

Cirrus Logic – *Entry Level Validation Engineer*; Austin, TX. — Jan 2014 - Present

- Conceptualized and developed framework software for multi-DUT validation tests
- Assisted in the development and execution of DSP validation tests
- Knowledgeable in multi-mode mixed-signal simulation tools, mixed-signal macro-modeling, and test-bench creation, organization, and automation

Cisco Systems – *GDS Lab Services Intern*; San Jose, California — Summer 2013

- Supported 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

College Houses – *IT & Computer Facilities Manager*; Austin, Texas — Summer 2012

- Configured and maintained computer lab and equipment at 21st Street Co-op
- Managed Ethernet network and DML for a 100+ student dormitory

PROJECTS

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

Freelance Scripting for SXSW — 2014
Enhanced film documentation and logistics using JavaScript and Google Apps Script

Digital Design — 2011
Designed and programmed a piano in a computer keyboard with the use of a Xilinx Spartan board using VHDL programming

Echelon NodeBuilder Serial Communication — 2011
Controlled a network of Echelon NodeBuilders through serial communication using a Neuron C based program

PROFESSIONAL DEVELOPMENT

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

ADDITIONAL INFORMATION

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: English, Spanish, French
Interests: Healthy Cooking, Soccer, Motorcycles, Reading