

**Rigoberto Orozco-Diaz**4554 19<sup>th</sup> Ave NE, Seattle, WA 98105

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**Curriculum Vitae**

Objective	To obtain an internship in hardware/software engineering to build on the skills I've learned through coursework and to gain experience as an engineer.	
Education	<b>University of Washington</b> , Seattle, WA <ul style="list-style-type: none"><li>B.S, Electrical Engineering GPA 3.5, in progress</li><li>Concentration on Embedded Systems</li><li>Expected Graduation: March 2016</li></ul>	
Related Course Work	<ul style="list-style-type: none"><li>Digital Circuits and Systems (E E 271)</li><li>Semiconductor Diode and Field-effect Transistor Circuit Design (E E 331)</li><li>Bipolar Transistor Circuit Design (E E 332)</li><li>Design of Digital Circuits and Systems (E E 371)</li><li>Computer Network Architectures and Protocols (E E 461)</li><li>Microcomputer Systems (E E 472)</li></ul>	
Skills	<b>Programming languages:</b> Java, C, Matlab, Verilog/VHDL <b>Software:</b> Quartus, ModelSim, MultiSim (SPICE) <b>2D/3D Drafting and Modeling:</b> AutoDesk AutoCAD and Revit <b>Web Developing:</b> HTML, CSS <b>Spoken Languages:</b> Spanish (fluent), Portuguese (elementary)	
Project Experience	<b>Universal Asynchronous Receive/Transmitter</b> (Verilog/C): built for a microprocessor-based application on a FPGA used to send and receive byte sized data over a serial link <b>Arithmetic Logic Unit</b> (Verilog): performed bitwise operations of addition, subtraction, multiplication and division of up to 8-bit numbers on a FPGA <b>Variable Gain Amplifier</b> (Class AB): built on an Op-amp design using BJTs to amplify a signal from an iPhone to a speaker using approximately 1 Watt	
Work Experience	<b>The Fisherman's Restaurant</b> , Seattle, WA Server/Busser (June 2013 – Present) <ul style="list-style-type: none"><li>Be polite and sociable with costumers providing them descriptions of food</li><li>Properly maintain over 10 tables clean</li><li>Work as a team member</li><li>Expedite tickets and set up course for delivery</li></ul> <b>Engineers Without Borders, UW Chapter</b> , Seattle, WA English-Spanish Translator Volunteer (March 2015 – Present) <ul style="list-style-type: none"><li>Explain details of building a multi-purpose outdoor auditorium in Guatemala</li><li>Speak with construction managers regarding present problems and/or future plans</li></ul>	
Leadership Experience	<b>Alpha Sigma Phi, Mu Chapter</b> , Seattle, WA Physical Plant Manager (September 2013 – April 2014) <ul style="list-style-type: none"><li>Attend monthly non-profit board meetings, a managing a multi-million dollar property</li><li>Discuss important topics regarding the infrastructure of the chapter house with alumni</li><li>Contact contractors and organize repairs and maintenance</li><li>Lead group projects where brothers help renovate the building</li></ul>	
Honors and Awards	<ul style="list-style-type: none"><li>Washington State Opportunity Scholarship</li><li>Alpha Sigma Phi, Mu Chapter Foundation Scholarship 2013</li></ul>	
References	Luli Olivera (Family Member, 21+ years) Work phone: (206) 922-0289 Email: lulio@amazon.com	Bob Strecker (Fraternity Chapter Advisor, 3 years) Cell phone: (206) 778-1826 Email: bobstrecker@comcast.net