

Rigoberto Orozco-Diaz4554 19th Ave NE, Seattle, WA 98105

(509) 303-9512 | rigodiaz@uw.edu | www.rigoorozco.com

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	University of Washington, Seattle, WA <ul style="list-style-type: none">• B.S, Electrical Engineering GPA 3.5, in progress• Concentration on Embedded Systems• Expected Graduation: March 2016	
Related Course Work	<ul style="list-style-type: none">• Digital Circuits and Systems (E E 271)• Semiconductor Diode and Field-effect Transistor Circuit Design (E E 331)• Bipolar Transistor Circuit Design (E E 332)• Design of Digital Circuits and Systems (E E 371)• Computer Network Architectures and Protocols (E E 461)• Microcomputer Systems (E E 472)	
Skills	Programming languages: Java, C, Matlab, Verilog/VHDL Software: Quartus, ModelSim, MultiSim (SPICE) 2D/3D Drafting and Modeling: AutoDesk AutoCAD and Revit Web Developing: HTML, CSS Spoken Languages: Spanish (fluent), Portuguese (elementary)	
Project Experience	Universal Asynchronous Receive/Transmitter (Verilog/C): built for a microprocessor-based application on a FPGA used to send and receive byte sized data over a serial link Arithmetic Logic Unit (Verilog): performed bitwise operations of addition, subtraction, multiplication and division of up to 8-bit numbers on a FPGA Variable Gain Amplifier (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	The Fisherman's Restaurant, Seattle, WA Server/Busser (June 2013 – Present) <ul style="list-style-type: none">• Be polite and sociable with costumers providing them descriptions of food• Properly maintain over 10 tables clean• Work as a team member• Expedite tickets and set up course for delivery Engineers Without Borders, UW Chapter, Seattle, WA English-Spanish Translator Volunteer (March 2015 – Present) <ul style="list-style-type: none">• Explain details of building a multi-purpose outdoor auditorium in Guatemala• Speak with construction managers regarding present problems and/or future plans	
Leadership Experience	Alpha Sigma Phi, Mu Chapter, Seattle, WA Physical Plant Manager (September 2013 – April 2014) <ul style="list-style-type: none">• Attend monthly non-profit board meetings, a managing a multi-million dollar property• Discuss important topics regarding the infrastructure of the chapter house with alumni• Contact contractors and organize repairs and maintenance• Lead group projects where brothers help renovate the building	
Honors and Awards	<ul style="list-style-type: none">• Washington State Opportunity Scholarship• Alpha Sigma Phi, Mu Chapter Foundation Scholarship 2013	
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