

Max Espinoza

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OBJECTIVE	I aspire to work in a collaborative team designing and developing software products that solve real world problems through the innovative use of technology.		
EDUCATION	PhD, Computer Science Rensselaer Polytechnic Institute, Troy, NY, expected May 2017 Current GPA: 3.56		
	Bachelor of Science, Computer Science and Mathematics Fairfield University, Fairfield CT, 2013 Graduated GPA: 3.66		
COMPUTER SKILLS	Languages (Expert): C++ and Java Frameworks & Tools: OpenGL, WebGL, GLSL, Linux, Coded UI Testing, Arduino Controllers		
EXPERIENCE	RPI Computer Graphics Research		September 2013–Present
	Advisor: Dr. Barbra Culter		
	<ul style="list-style-type: none">• Implemented and continued work on a web based application to aid architects in the design of rooms with maximal natural daylighting• Presented and analyzed the latest graphics research paper to fellow colleges and researchers• Researching architectural acoustics visualization and simulations to to be incorporated into previous daylighting simulation framework		
	Fairfield University Business Plan Competition		Feburary 2013–May 2013
	<ul style="list-style-type: none">• Developed iPhone applications to communicate through Bluetooth channels to Arduino microcontrollers.• Used strong communication skills to find mentors and contacts in the field of project management, engineering, manufacturing, and business.• Worked in a collaborative team project to develop a prototype consumer product along with a formal business plan and intention to patent		
	Pitney Bowes Software Engineer Internship Supervisor: Ticia McGean		
	<ul style="list-style-type: none">• Something about being scrum master running stand ups, backlog grooming, sprint planning sessions, demos, retrospectives• Working with an international team located in Troy and Nodia India.• Something about the Atlassian suite of software including jira,confluence, cruible• About continous integration specifically team city• about coded UI testing		
Awards	Research Assistantship Award		2014–2015
	Computer Science Department Award		2013
	Fairfield University Business Plan – Finalist		2013
	Fairfield University Business Plan – Startup Day Winner		2013
	BioGrid REU Fellowship Award – National Science Foundation		2012
	Pi Mu Epsilon (National Honors Mathematics Society) Member		2012
	Christopher Blake Love Award		2012