

# ROBERT QUINLAN (QUIN) THAMES

[www.quinthames.com](http://www.quinthames.com)

RobQThames@gmail.com -- 314-578-6698 -- 1 LMU Drive MSB 1132, Los Angeles, CA, 90045

## Objective:

To channel my passion to create value in a role applying Computer Science and Electrical Engineering skills

## Education:

Loyola Marymount University (LMU): Current GPA of 3.92 Expected Graduation: May, 2014  
Majors: Bachelor of Science Double Degree- Electrical Engineering & Computer Science  
Minor: Applied Mathematics  
Current Units Completed: 224(120 needed to graduate)  
St. Louis University High School: Graduated in top ten percent 2010

## Experience:

**Software Contractor for Datapop Inc** 05/13-Present  
Built web tools in Javascript for a front end and Python and Mongo for a back end

**Fusor Project at LMU** 01/11-Present  
Designed and built a Farnsworth nuclear fusor to create fusion using deuterium  
Student run project involving hands on experience including machining, wiring, programming, modeling and project management

**NASA Jet Propulsion Laboratory (JPL)** 06/12-08/12  
Automated Image Geo-Referencing paper published in 09/13 JPL Tech Briefs issue  
Developed process to create simulations of the Curiosity Mars Rover's behavior on Mars  
Received JPL New Technology Award for Google Earth correction tool

**TAILS (Teaching Artificial Intelligence as a Learning Science)-LMU** 04/11-05/13  
Programmed an artificial intelligence agent that plays a board game to teach AI  
Developed a Conceptual Clustering Algorithm to be used as a learning tool for AI

**VESLL (Virtual Engineering Science Learning Lab)-LMU paid research** 09/10-05/12  
Developed virtual learning environment in LSL(Linden Scripting Language)

## Skills:

### Languages:

C/C++/Obj C	Java	Javascript	Python	Ruby	Clojure
MatLab	HC12Assembly	PHP	Mongo	SQL	Bash

### Applications:

Lab View	Risa 3-D	SketchUp	Lightwave	Mathematica
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## Accomplishments/Awards:

Treasurer of Tau Beta Pi Engineering Honor Society (Top 5% of class)	2012-14
Member of Alpha Sigma Nu Jesuit School Wide Honors Society	2013-14
Trustee Scholar (Full Scholarship)	2010-14
LMU Rower of the Year Award	2011-13
ACM Southern California programming competition	2011
Have been (mistakenly) featured in yearbook as "graduating" for having too many units	2012
Time Magazine 2006 Person of the Year	2006

## Service and Leadership:

Captain of the LMU Rowing Team (25+ hrs/week commitment)	2012-Present
Member of the Student-Athlete Advisory Committee	2012-Present
Member of Creare Service Organization for tutoring at underprivileged schools	2010-2012