ROBERT QUINLAN (QUIN) THAMES

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Objective:
To channel my passion in a role applying Computer Science and Electrical Engineering skills

Education:
Loyola Marymount University(LMU): Current GPA of 3.9   Expected Graduation: May, 2014
    Majors: Bachelor of Science Double Degree- Electrical Engineering & Computer Science
    Minors: 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 building 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

Accomplishments/Awards:

Member of Tau Beta Pi Engineering Honor Society (Top 5% of class)	2012
Trustee Scholar (Full Scholarship)	2010-14
Time Magazine 2006 Person of the Year	2006
LMU Rower of the Year Award	2011-12
ACM Southern California programming competition- 17th out of 81 teams	2011
Have been(mistakenly) featured in yearbook as "graduating" for having too many units	2012

Service and Leadership:

Captain of the LMU Rowing Team (25+ hrs/week commitment)	2012-present
Member of the Student-Athlete Advisory Committee	2012-present