

# Michael Vartan

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## Objective

I am interested in a full-time stable position in the computing field upon graduation in 2016.

## Education



California State University Long Beach • Engineering Honor's Program  
Bachelor of Science in Computer Engineering • Expected Graduation: 2016

## Work Experience

### Exergy Controls

(2014)

Hardware & Software Engineer

- Designing/developing web application which controls thousands of light fixtures simultaneously.
- Designing firmware for ARM chip, including developing custom interrupt-driven SPI interface in mesh network.

### California State University, Long Beach – College of Engineering

(2012 – 2014)

Computer Tech/Peer Advisor

- Developed programs to generate students' semester schedules, parse transcripts, and analyze performance.  
Created web app for hundreds of students to make appointment with our advisors.
- Met with students one-on-one to discuss their studies, prospective courses, and future goals.

### Microsoft

(2013 – 2014)

Microsoft Student Representative

## Technical Skills



## Awards/Involvement

### Embedded Applications Technology Society

(2012 – Present)

- Hosting weekly meetings, in which responsibilities include planning, speaking, and finding speakers.
- Managing teams involved in projects and national competitions

2012 – 2013  
Webmaster

2013 – 2014  
Vice President

2014 – 2015  
President

### UCLA Developer's Contest – First Place

(2014)

- With a teammate, developed a mobile-first web application for tracking/improving students' study habits.

### President's List Honor – CSULB

(2013 – 2014)

### Boeing Engineering Scholarship Recipient

(2013)

### Dean's List Honor

(2012)

### Personal Projects

- I work on many Arduino/Raspberry Pi/software/web projects which I document at [mvariant.com](http://mvariant.com) and [github.com/vartan](https://github.com/vartan)