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

3.9 GPA

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.

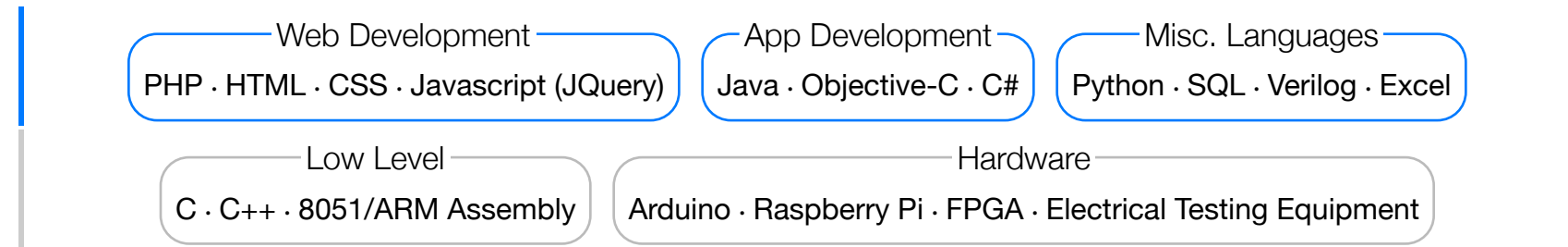### California State University, Long Beach – College of Engineering   (2012 – 2014)

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

Web Development
PHP · HTML · CSS · Javascript (JQuery)

App Development
Java · Objective-C · C#

Misc. Languages
Python · SQL · Verilog · Excel

Low Level
C · C++ · 8051/ARM Assembly

Hardware
Arduino · Raspberry Pi · FPGA · Electrical Testing Equipment

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	2013 – 2014	2014 – 2015
Webmaster	Vice President	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 mvartan.com and github.com/vartan