Jose F. Flores

305 Dutton St Apt. 508 Lowell, MA 01854
jose.flores.152@gmail.com
(508) 245 – 7496

Experience

Saicon Consultants	(Nokia / Microsoft) Burlington, Massachusetts	December 2013 - Current
Intern	Worked for Data and Analytics. Primarily worked with Amazon Web Services (AWS) and Jenkins Servers in a Horizontal Engineering push for continuous integration. Wrote configuration scripts and PHP command line applications to automate deployment alongside a department tool (citool). System would perform unit tests, deploy to an instance, generate an AMI, and then perform live testing. Developed a front end for a department web application (sigyn). Attended the 2014 Boston Jenkins User Conference.	

Volt Services Group	(Intel) Hudson, Massachusetts	October 2010 – May 2014
Debug Technician	Ran CTH, Summit, Sapphire, PPV, OLB, and LaserMark testers on the Xeon and Itanium projects for Intel at the Massachusetts Validation Center (MVC).	
Department Website	Developed in PHP, JavaScript, CSS, HTML, jQuery, and MySQL; created a search engine, broken link checker, and a favorites menu.	
eWhiteboard Website	Developed a work request application for MVC Power On, Developed in: PHP, jQuery, JavaScript, CSS, HTML, and MySQL; enabled unit tracking, shift pass-down tool, user management, work log, Ajax updates, email, and documentation.	
Pass-down Tool	Created an application in Visual Basic that sent emails and scraped websites.	

University of Massachusetts Lowell	Lowell, Massachusetts	October 2012 – Aug 2014
Grader	Graded assignments and exams for Computing I Spring '13– (Sarita Bassil)	
Computer Science Tutor	Tutored twice a week, assisted in the classroom and via email, led study sessions, and proctored exams. Computing I: Fall '12 (Darrel Lipman), Spring '13 (Sarita Bassil)	
Research Intern	Worked on the Computational Sensing Research (CSR) Project under Dr. Yu Cao. I was in charge of the cloud components and maintained an AWS EC2 Windows server instance that held a PHP / MySQL application. Application used HTTPS, and I developed the application framework to allow for PHP widgets that were both configurable through configuration files or arguments, a restful Json API, secure session based user authentication, and a rotating token based authentication for devices. Spring – Summer '14 (Yu Cao).	

Analog Devices	Wilmington, Massachusetts	January 2003 – January 2005
Engineering Intern	Analyzed wafers, created Pareto, wrote reports, and tested integrated circuits.	

www.astuml.org		January 2013 – Current
Webmaster	Designer	Ongoing, developing and maintaining a sorority chapter website on an IIS server written in PHP, CSS, jQuery, JavaScript, HTML. Website contains a chapter history time-line, an email form, updating membership composite, calendar event feed.	

Education

University of Massachusetts Lowell	Computer Science GPA: 3.350	Expected Spring 2015
Major	Minors	B.S. Computer Science	Robotics, Physics
Organizations	Association for Computing Machinery	February 2013 – December 2013
	Hold the position Director of Partnerships and Public Relations, Maintain contact with industry and search for speakers on engineering topics.	

Experience

Computer Language

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Ajax, C, C++, CSS, HTML, JavaScript, jQuery (Language and UI libraries), PHP, Python, Shell scripting; Minor experience with Visual Basic, Java, Assembly

OS | Software

OS: Windows, Centos 6, Ubuntu; Software: Netbeans, Visual Studio, IIS, Apache, Cygwin, Git, Geany IDE, GDB, MS Office, Adobe CS5, MySQL, phpMyAdmin, VMWare

Additional Distinctions

US Patent #7051664	Retrieval Mechanism for an Underwater Vehicle	2006
MIT State Science Fair	Retrieval Mechanism for an Underwater Vehicle	2003
	First prize (Engineering), Fredrick P. Fish Patent Award (most patentable)	
WPI Science Fair	Retrieval Mechanism for an Underwater Vehicle	2003
	Third prize (Engineering)	
Boy Scouts of America	Eagle Scout	2002
Foreign Languages	Fluent in English and Spanish.	