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ALEX VALLEJO

GitHub: valleyjo

EDUCATION

Pittsburgh, PA	University of Pittsburgh	Graduation: May 2015
<ul style="list-style-type: none">• Bachelor of Science (B.S.) in Computer Engineering• Cumulative GPA: 3.6 out of 4.0		
Ho Chi Minh City, Vietnam	University of Economics and Finance	May 2012
<ul style="list-style-type: none">• Plus3 engineering study abroad program; 15 company visits including computer software & hardware firms		

LANGUAGES AND TECHNOLOGIES

- Proficient: Java, C#; Prior Experience: C, Ruby, Python, PHP, MIPS Assembly language, SQL, JavaScript, JQuery
- .Net, Ruby on Rails, Sinatra, LAMP, Visual Studio 2010-13, Subversion, Git, GitHub, Vim, HDL Designer

EMPLOYMENT AND LEADERSHIP

SDE Intern	Microsoft Corporation	Summer 2014
<ul style="list-style-type: none">• Implemented notifications for users of OneDrive who have expiring/expired bonus storage• Part of a critical JSON API call that is run 3.5 million times a day• 99.998% quality of service		
Software Engineer Intern	KIT Solutions LLC	Summer 2013
<ul style="list-style-type: none">• Built a Timesheet web app to track the time spent on projects for analysis and billing purposes.• 5000 lines of code; C#, .Net MVC		
Technical Director	The Green Hope Orphanage, Inc.	2013-2014
<ul style="list-style-type: none">• Responsible for the technical direction of the orphanage's philanthropic arm including the website (greenhope.us) and the organization's IT strategies		
Secretary	The Delta Chi Fraternity	2012-2014
<ul style="list-style-type: none">• Maintain chapter records and by-laws; record minutes for meetings		
National Leadership Conference	Deloitte Consulting LLP	July 2013
<ul style="list-style-type: none">• Highly selective opportunity for students to develop their leadership, team-building and problem solving skills		
Engineering Peer Advisor	University of Pittsburgh	Fall 2013
<ul style="list-style-type: none">• Taught two sections of an official university course to assist freshmen with their college transition		

TECHNICAL PROJECTS

- **Orgman**. Automate the organization of your student organization. Production quality web app with a full test suite using continuous integration (Travis CI).
- Ruby on Rails. Source: <https://github.com/valleyjo/orgman>
- **Model United Nations Seat Assignment Tool**. A WinForms app that takes input as an excel spreadsheet and assigns candidates to seats based on qualifications and preferences.
- C#, .Net, WinForms; Source: <https://github.com/valleyjo/seat-assign>
- **MIPS CPU**. Full implementation of the MIPS instruction set. Includes five pipelines, L1 cache and interrupts. HDL Designer & VHDL. Source available upon request.

HONORS AND ACHIEVEMENTS

- **Eagle Scout**: Leadership project established a computer lab at Angels' Place; Estimated benefit: **\$13,500**