**Jay Chopra**

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**Education**

**Carnegie Mellon University**

*Expected May 2015*

Bachelor of Science in Information Systems

Additional Major in Policy & Management

Minor in Global Systems Management

QPA: 3.45/4.00

*Dean’s List with Honors: Fall 2011, Spring 2012*

**Work Experience**

**Caterpillar, Inc.**

*May 2013 – Aug. 2013*

*Peoria, IL*

*Global Information Services – Global Security Intern*

* Developed and user tested web application in PHP to verify firewall access requests,  
  automating a 3 month long process into several hours
* Implemented relational database for 1000s of IP addresses, ports, and firewall rules,   
  eliminating the use of flat files for record keeping
* Authored 2 hours of instructional material for 30+ firewall rule requesters on new policies

*Aug. 2013 – Present*

*Pittsburgh, PA*

**Carnegie Mellon University Student Life**

*Resident Assistant – Donner House*

* Collaborated with team of 8 to provide events, support and community for 240+ first years
* Mentored floor of 28 to create optimal social, emotional and physical living space through  
  20+ hours of engagement per week
* Planned and executed 25+ workshops, outings and events, such as dinners, info sessions,  
  and lectures to expose residents to opportunities across Carnegie Mellon and Pittsburgh

**Projects**

**Global Website Analysis Case**

*Jan. – Mar. 2013*

*Pittsburgh, PA*

*Lead Case Analyst*

* Collaborated with team of 4 students in Singapore to analyze role of culture in web design  
  for PayPal’s international sites; provided 4 key recommendations to enhance global appropriateness
* Analyzed feasibility of outsourcing to Brazil, producing a report highlighting available   
  educated labor supply, infrastructure, and foreign language skills

*Jan. – May 2013*

*Pittsburgh, PA*

**A&M Karate Studios**

*Application Developer*

* Built Rails web app to allow fictitious karate studio to manage tournaments
* Wrote 200+ unit tests to promote quality assurance and functionality
* Developed 3 levels of authorization to restrict operations to members, guests and admins

**Leadership & Community Experience**

**Alpha Kappa Psi - Professional Co-ed Business Fraternity**

*Sept. 2012 -- Present*

*Pittsburgh, PA*

*Class Captain; Webmaster; Historian*

* Lead 10 in hosting 9 social, service, and professional events for organization of 67 members
* Fundraised $1750 through campus wide initiatives
* Maintained organization wide wiki with 100+ articles on companies, classes and members

*Nov 2011 – Present*

*Pittsburgh, PA*

*Monti Cristi, DR*

**OrphanageOutreach@CMU**

*Volunteer*

* Volunteered on team of 15 to teach English to 144 students in Dominican Republic
* Fundraised $14,000 towards parent organization Outreach 360 through grant writing

**Skills**

**Programming:** Basic in MySQL, Java, Python, Ruby, PHP, Perl, JavaScript;

*US Citizen*

Intermediate in HTML, CSS

**Language:** Conversant in Spanish

**Software:** Basic in MS Excel, Minitab, Adobe InDesign and Adobe Photoshop

**Awards:** 1st Place in Deloitte Undergraduate Case Competition, Fall 2013