Allen Zeng

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EDUCATION

Northwestern University - School of Engineering   Evanston, IL
Bachelor of Science in Computer Science with Minor in Economics   *Expected June 2014*
Overall GPA: 3.60
QuestBridge National College Match Scholarship Recipient

Relevant Coursework: Agile Software Development, Operating Systems, Network Penetration and Security, Object Oriented Programming in C++, Data Structures, Databases, Computer Networking, Algorithms, Artificial Intelligence, Discrete Math, Stats

WORK EXPERIENCE

PricewaterhouseCoopers LLP   New York, NY
Summer Technology Advisory Associate   *June 2013 – August 2013*
- Created coaching materials to help a major Healthcare Insurance company adopt the Agile Methodology across its IT Organization, increasing transparency and project flexibility
- Led Agile coaching sessions with software development teams to introduce the various Agile activities
- Identified a system infrastructure requirements gap and presented findings from the analysis to company leadership

LocalResponse   New York, NY
Software QA Engineer   *June 2012 – August 2012*
- Developed automated regression tests using Selenium and mongoJS and performed data validation checks with backend database, significantly reducing regression testing time
- Wrote test cases and tracked bugs throughout the software development cycle from QA to production code
- Created technical documentation outlining the functionality and performance limitations of new web app features
- Experience using Git while working on projects with multiple developers, interfacing with members from different product teams (marketing, development, QA, product)

PROJECT EXPERIENCE

Knight Lab – Northwestern University   Evanston, IL
Software Developer - Student Fellow   *October 2013 – Present*
- Updated WordPress plugin and maintain support for TimelineJS, an open source tool developed by the lab
- Created tools to automate build process and collaborated with other developers on various open source projects

twXplorer   Evanston, IL
Software Developer   *April 2013 – June 2013*
- Developed a web app for research journalists to gain more insight from Twitter searches by providing a set of analytics for their search results, allowing for real-time research and the potential to generate story ideas
- Reached out to practicing journalists to identify requirements and gather user feedback during prototyping process
- Coded web application using Ruby on Rails and wrote scripts for data migration when deploying to an external host
- Acquired by the school for further development, attracting over 10,000 views a month after its relaunch date

LEADERSHIP

Alpha Kappa Psi Business Fraternity   Evanston, IL
Executive Board / Webmaster   *December 2011 - Present*
- Organized events to promote business education and build relationships among members and company sponsors
- Created the club's website to establish an online presence, attracting a number of company sponsors

Northwestern Chinese Students Association   Evanston, IL
Executive Board / Webmaster   *October 2010 - Present*
- Led sound and lighting committee of 10-15 members for annual lunar new year show with over 500 attendees
- Redesigned the club's website to better reflect the mission statement, resulting in over 1000 unique page views

MISCELLANEOUS

Computer: HTML, CSS, Javascript, C++, Python, Ruby, SQL, MS Office, Adobe Photoshop, MATLAB,
Language: Chinese (Fluent in Cantonese and Basic Mandarin)
Interests: Technology and Financial news, Website design, Photography, Chess, SuDoku, Cycling, and Swimming