

Douglas W. Jordan

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Objective Seeking a software engineering internship for Summer 2014

Education **Schreyer Honors College, The Pennsylvania State University**

Fall 2011 - Expected Graduation Spring 2015
Major: B.S. in Computer Science, College of Engineering, GPA: 4.00
Major: B.S. in Mathematics, Eberly College of Science, GPA: 3.74
Overall GPA: 3.76

State College Area High School, State College, PA 16801

Graduated June 2011
GPA: 4.46 weighted, 3.87 unweighted

Experience **SDE Intern**, Amazon Web Services, Palo Alto, CA May - August 2013

- Developed a continuous testing suite using python (Boto, Requests, cron) backed by EC2 and S3
- Added additional features to testing suite that made it distributed and redundant
- Wrote tools to automatically generate API documentation from XML service definitions

System Administrator, The Intelligent Information Systems Lab, PSU 2011-Present

- Maintained the CiteSeerX system
- Created a system to upload and store the CiteSeerX dataset on Amazon S3
- Migrated existing 10-server system to virtual machine cluster

Engineering Intern, OneSchool Inc. Menlo Park, CA Fall 2011

- Used Python to screen-scrape the websites of many Universities and import the data into a Django-based API
- Added features and implemented bug fixes to an existing iPhone application with 100+ classes

Research Assistant, Center for Network-Centric Cognition and Information Fusion, PSU Summer 2011

- Developed applications to model internet traffic on a webserver using various visualization techniques
- Utilized Java through Processing as well as peacock to make a 3D environment

Founder and Lead Technician, Computer-Tek, Harvard, MA 2004-present

- Founded a business to troubleshoot personal computers, network configuration, website design and development, graphic design, data recovery, and repairs

Publications-Papers

Web Crawler Middleware for Search Engine Digital Libraries: A Case Study for CiteSeerX, Jian Wu, Pradeep Teregowda, Madian Khabza, Douglas Jordan and C. Lee Giles, *12th ACM International Workshop on Web Information and Data Management (WIDM-2012)*.

Publications- Posters	CiteSeerX Data: Usage, Access and Mining , Stephen Carman, Pradeep Teregowda, Douglas Jordan, Jian Wu, Prasenjit Mitra, Bernard Jansen and Lee Giles, <i>1st International Workshop on Mining Scientific Publications (WOSP-2012)</i> .	
Leadership Activities	Safety Chair , Penn State Club Cross Country, PSU	2011-present
	<ul style="list-style-type: none"> • Was aware of medical conditions of fellow athletes • CPR/AED and first-aid trained 	
Academic Honors	<p>Penn State Dean's List of Distinguished Students, all semesters</p> <p>Eric Fuller Cross Country Senior Leadership Scholarship High Honor Roll, all 4 years of high school</p> <p>Top 10% of class all 4 years of high school</p> <p>3rd place in Computer Systems Troubleshooting at 2009 TSA PA state conference</p> <p>Electronics Award, Freshman year of high school</p>	
Computer Skills	<u>Languages:</u> <u>Database related:</u> <u>Apache:</u> <u>Other:</u>	<p>C/C++, Objective-C, Java, Python, Bash, LaTeX</p> <p>MySQL, Transact-SQL, XML</p> <p>Tomcat, Httpd, Solr Lucene</p> <p>Amazon S3</p>
References	<ul style="list-style-type: none"> • Available upon request 	