Douglas W. Jordan

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Objective

Seeking the position of THON Technology captain

Education

Schreyer Honors College, The Pennsylvania State University
Fall 2011 - Expected Graduation Spring 2015
Major: B.S. in Computer Science, College of Engineering
Major: B.S. in Mathematics, Eberly College of Science
Overall GPA: 3.78

State College Area High School, State College, PA 16801
Graduated June 2011
GPA: 4.46 weighted, 3.87 unweighted

Experience

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 peasycam 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 Khabsa, 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, *1st International Workshop on Mining Scientific Publications* (**WOSP-2012**).

Leadership Activities	**Safety Chair,** Penn State Club Cross Country, PSU	2011-present

- Was aware of medical conditions of fellow athletes
- CPR/AED and first-aid trained

Academic Honors

Top 100 nationwide at SignalFire's University Hacker Olympics

Penn State Dean's List of Distinguished Students, all semesters

Eric Fuller Cross Country Senior Leadership Scholarship High Honor Roll, all 4 years of high school

Top 10% of class all 4 years of high school

3rd place in Computer Systems Troubleshooting at 2009 TSA PA state conference

Electronics Award, Freshman year of high school

Computer Skills

<u>Languages:</u>	C/C++, Objective-C, Java, Python, Bash, LaTeX
<u>Database related:</u>	MySQL, Transact-SQL, XML
<u>Web:</u>	HTML, CSS, PHP
<u>Apache:</u>	Tomcat, Httpd, Solr Lucene
<u>Other:</u>	Amazon S3

References

- Available upon request