

Academic Vita

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| Education | Schreyer Honors College, The Pennsylvania State University Expected Graduation Spring 2016 B.S. in Computer Science M.S. in Computer Science and Engineering | |
| Experience | SDE Intern, Microsoft Azure, Seattle, WA | May - August 2015 |
| | <ul style="list-style-type: none">• Developed a system to automatically classify build failures• Provided high-signal feedback to developers to increase productivity• Helped implement a highly available enterprise grade Jenkins installation | |
| | SDE Intern, Windows Azure, Seattle, WA | May - August 2014 |
| | <ul style="list-style-type: none">• Implemented Azure User Experience Portal for internal developer tools• Built extensions for release management, build tracker, and source control• Helped onboard teams in their migration to Git | |
| | SDE Intern, Amazon Web Services, Palo Alto, CA | May - August 2013 |
| | <ul style="list-style-type: none">• Developed a continuous testing suite using python backed by EC2 and S3• Added additional features to testing suite that made it distributed and redundant• Wrote tools to generate API documentation from XML service definitions | |
| | System Administrator, The Intelligent Information Systems Lab, PSU 2011-Present | |
| | <ul style="list-style-type: none">• 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 |
| | <ul style="list-style-type: none">• 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 |
| | <ul style="list-style-type: none">• Developed applications to model internet traffic on a webserver using various visualization techniques• Utilized Java through Processing and the peascam library to make a 3D environment | |
| Publications | Founder and Lead Technician, Computer-Tek, Harvard, MA | 2004-present |
| | <ul style="list-style-type: none">• Founded a business to troubleshoot personal computers, configure networks, design websites, and install hardware. | |
| | CiteSeerX: AI in a Digital Library Search Engine , Jian Wu, Kyle Williams, Hung-Hsuan Chen, Madian Khabsa, <u>Douglas Jordan</u> , C. Lee Giles, <i>Twenty sixth Annual Conference on Innovative Applications of Artificial Intelligence (IAAI-2014)</i> . | |
| | Migrating a Digital Library to a Private Cloud , Jian Wu, Pradeep Teregowda, Kyle Williams, Madian Khabsa, <u>Douglas Jordan</u> , Eric Treece, Zhaohui Wu and C. Lee Giles, <i>IEEE International Conference on Cloud Engineering (IC2E-2014)</i> . | |

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)*.

Scalability bottlenecks of the citeseerx digital library search engine, Jian Wu, Pradeep B Teregowda, Madian Khabsa, Eric Treece, Douglas Jordan, Stephen Carman, Prasenjit Mitra, C Lee Giles

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)*.

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|------------------------|---|---------------------|
| Leadership | President , Penn State Club Cross Country, PSU | 2015-2016 |
| | Treasurer , Penn State Club Cross Country, PSU | 2014-2015 |
| | Treasurer , Penn State Triathlon Club, PSU | 2013-2014 |
| | Safety Chair , Penn State Club Cross Country, PSU | 2011-present |
| | Data Analytics Engineer , Penn State Dance Marathon (THON), | Spring 2015 |
| | <ul style="list-style-type: none"> Created a plug-and-play solution for creating new THON applications Wrote custom mocks of the database to help unit testing Wrote tools to visualize second-by-second data from custom applications | |
| | Pass Team PM , Penn State Dance Marathon (THON), | Spring 2014-Present |
| | <ul style="list-style-type: none"> Lead the migration of an existing 10K+ LOC PHP application to Django Implemented continuous integration using Git, Jenkins, and a custom middleware Organized efforts to write unit tests with 100% code coverage | |
| | Mobile Developer , Penn State Dance Marathon (THON), | Spring 2013-2014 |
| | <ul style="list-style-type: none"> Wrote a custom iPhone application for THON from the ground up Implemented a ticketing system for physical line management using POS receipt printers Live coded an application to keep track of the number of people in the arena | |
| Projects | FaceSpace : https://github.com/dwj300/facespace | Spring 2015 |
| | <ul style="list-style-type: none"> Created a FaceBook and MySpace clone from scratch Implemented user chat using WebSockets Wrote custom authentication module | |
| | Partify : https://github.com/dwj300/partify | Spring 2015 |
| | <ul style="list-style-type: none"> Utilized the Spotify API to automatically add songs to playlist Allowed party-goers to crowdsource the music from their phones | |
| Academic Honors | Diamond of Wisdom Award, Penn State Dance Marathon (THON) | Spring 2016 |
| | First Place, Microsoft Azurathon Hackathon | Summer 2014 |
| | First Place, CodePSU - Competitive Programming Competition | Spring 2014 |
| | Raytheon Scholarship In Computer Science and Engineering | Fall 2014 |
| | Finalist, University Hacker Olympics | Spring 2013 |
| | Penn State Dean's List of Distinguished Students | 2011-Present |
| | Eric Fuller Cross Country Senior Leadership Scholarship, | Spring 2011 |
| | High Honor Roll, all 4 years of high school | 2007-2011 |
| | Top 10% of class all 4 years of high school | 2007-2011 |

3rd place in Computer Systems Troubleshooting, PA TSA
Electronics Award, State College Area High School

2009
2007

Programming

Languages: C, C#, Objective-C, Java, Python, PHP, JavaScript, TypeScript, Bash, LaTeX
Frameworks: Django, ASP .NET, KnockoutJs, Spring
Database related: MySQL, Postgres SQL, Transact-SQL
Apache: Tomcat, Httpd, Solr Lucene
Other: Amazon S3, EC2, ElasticSearch, scikit-learn, Microsoft Azure

Links

Website: <http://dougjordan.com>
GitHub: <http://github.com/dwj300>
Twitter: <http://twitter.com/dwj300>