

# April Tuesday Shen

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## Contact

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## Education

**University of Washington**  
Seattle, WA

**Ph.D.** (in progress; on leave)  
Computer Science and Engineering  
Advisors: Carlos Guestrin, Ira  
Kemelmacher-Shlizerman

**Williams College**  
Williamstown, MA

**B.A.**, 2013, Magna Cum Laude (GPA 3.92)  
Mathematics and Computer Science  
Advisor: Andrea Danyluk  
Thesis: “Prototype Support Vector Machines:  
Supervised Classification in Complex Datasets”

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## Academic Experience

**University of Washington**  
Seattle, WA

**Research Assistant**, 2013 - 2014  
Worked on intelligent structured visualizations of  
photo collections focusing on social relationships.

**Williams College**  
Williamstown, MA

**Teaching Assistant**, 2010 - 2013  
CSCI 136: Data Structures and Advanced  
Programming. Taught by Jeannie Albrecht, Duane  
Bailey, Morgan McGuire.  
MATH 106: Multivariable Calculus. Taught by Colin  
Adams.

**Williams College**  
Williamstown, MA

**Research Assistant**, summer 2010  
Worked on GUI for Nebula/Gush project, an interface  
for distributed systems research. Advised by  
Jeannie Albrecht.

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## *Industry Experience*

<b>Google</b> Los Angeles, CA	<b>Software Engineering Intern</b> , summer 2014 Machine learning algorithm development and testing for Brand team.
<b>Google</b> Cambridge, MA	<b>Software Engineering Intern</b> , summer 2012 Front-end development for Google+.
<b>Stroz Friedberg</b> Boston, MA	<b>Digital Forensics Intern</b> , summer 2011 Client work in forensics and electronic discovery.

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## *Computer Skills*

<b>Programming languages</b>	Proficient: Java, Python, C++ Intermediate: Javascript, HTML/CSS, MATLAB, C, Lisp, ML
<b>Other skills</b>	Git/Perforce/Subversion, Unix, Microsoft Office

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## *Awards and Honors*

Achievement Rewards for College Scientists Fellowship, 2013 - 2016  
Marilyn Fries Endowed Regental Fellowship, 2013 - 2014  
Sam Goldberg Colloquium Prize in Computer Science, 2013  
Sigma Xi Scientific Research Society, 2013  
Phi Beta Kappa Honor Society, 2012  
Budapest Semesters in Mathematics, 2012  
Williams Computer Science Student Advisory Council, 2010 - 2012  
NSF Scholarship to Grace Hopper Celebration of Women in Computing, 2010  
Carleton Summer Mathematics Program for Women Undergraduates, 2010  
Williams College Tyng Scholarship, 2009 - 2013  
National Merit Scholarship (sponsored by Battelle), 2009 - 2013

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## *Publications*

Shen, April and Danyluk, Andrea. Prototype SVMs: Supervised Classification in Complex Datasets. Workshop on Solving Complex Machine Learning Problems with Ensemble Methods (COPEM 2013), held at ECML/PKDD 2013.

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