Nathaniel Yazdani

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Education and relevant coursework

2017 - now	Master of Science in Computer Science & Engineering (in progress)
	The University of Washington at Seattle
Autumn, 2017	• **CSE 546** Machine Learning
Autumn, 2017	• **CSE 550** Introduction to Systems Research
Winter, 2018	• **CSE 515** Statistical Methods for Computer Science
Spring, 2018	• **CSE 599** Finite Model Theory (Special Topics)

2015 - 2017	Bachelor of Science in Computer Science with Honors
	The University of Washington at Seattle
Winter, 2016	• **CSE 401** Implementation of Programming Languages
Spring, 2016	• **CSE 341** Programming Languages
Autumn, 2016	• **CSE 505** Principles of Programming Languages
Winter, 2017	• **CSE 507** Automated Reasoning for Software Engineering
Winter, 2017	• **CSE 551** Operating Systems
Spring, 2017	• **CSE 501** Implementation of Programming Languages
Spring, 2017	• **CSE 503** Program Analysis

Experience

Research

09/2018 - now	**Graduate Researcher**, Prof. Dan Grossman
	University of Washington School of Computer Science & Engineering
07/2017 - 09/2017	**Research Intern**, Prof. Aleks Nanevski
	IMDEA Software Institute
09/2015 - 07/2017	**Undergraduate Research Assistant**, Prof. Ras Bodik
	University of Washington School of Computer Science & Engineering

Teaching

Graduate Teaching Assistant
University of Washington School of Computer Science & Engineering

Spring, 2018	• **CSE 401** Compiler Construction
Winter, 2018	• **CSE 331** Software Design and Implementation
Autumn, 2017	• **CSE 374** Programming Concepts and Tools

Undergraduate Teaching Assistant
University of Washington School of Computer Science & Engineering

| Winter, 2017 | • **CSE 341** Programming Languages |

05/2015 - 09/2015	**Fedora Engineering Intern** *Red Hat, Inc.*
01/2014 - 12/2014	**Technical Intern** *Intel Corporation*

Extracurricular activities

RESEARCH

06/2017	**DeepSpec Summer School**, *University of Pennsylvannia*
06/2016	**Oregon Programming Languages Summer School**, *University of Oregon*
01/2016	**Mentoring Workshop**, *ACM Symposium on Principles of Programming Languages*
09/2015	**Mentoring Workshop**, *ACM International Conference on Functional Programming*

VOLUNTEERISM

2016 - 2017	**Research Leader**, *University of Washington Undergraduate Research Program*
01/2017	**Student Volunteer**, *ACM Symposium on Principles of Programming Languages*
01/2016	**Student Volunteer**, *ACM Symposium on Principles of Programming Languages*
09/2015	**Student Volunteer**, *ACM International Conference on Functional Programming*

Scholarships, honors & awards

2017	**Graduate Research Fellowship Honorable Mention**, *National Science Foundation*
2017	**Outstanding Undergraduate Researcher Honorable Mention**, *Computing Research Association*
2016 - 2017	**Washington Research Foundation Fellowship**, *Washington Research Foundation*
2016 - 2017	**Washington State Opportunity Scholarship**, *Washington State Legislature*
2016 - 2017	**Jerre Noe Endowed Scholarship**, *U.W. School of Computer Science & Engineering*
2015 - 2016	**Burkhardt Endowed Scholarship**, *U.W. School of Computer Science & Engineering*
2015 - 2017	**Roy F. Mather Scholarship**, *Community Foundation for Southwest Washington*
2015 - 2017	**Rotary Scholarship**, *Lewis River Rotary Club*

Peer-reviewed publications

[1] Talia Ringer, **Nathaniel Yazdani**, John Leo, and Dan Grossman. "Adapting Proof Automation to Adapt Proofs". In: *Proceedings of the 7th ACM SIGPLAN Conference on Certified Programs and Proofs*. CPP 2018. Los Angeles, USA: ACM, 2018.

[2] Rastislav Bodik, Kartik Chandra, Phitchaya Mangpo Phothilimthana, and **Nathaniel Yazdani**. "Domain-Specific Symbolic Compilation". In: *2nd Summit on Advances in Programming Languages* (2017).