

# Nathaniel Yazdani

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## Research interests

I am broadly interested in the area of programming languages, with a strong emphasis on formal methods and automated reasoning.

## 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** *Systems for All*

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** *Computer-Aided Reasoning for Software Engineering*

Winter, 2017    • **CSE 551** *Operating Systems*

Spring, 2017    • **CSE 501** *Implementation of Programming Languages*

Spring, 2017    • **CSE 503** *Program Analysis*

## Extracurricular activities

### RESEARCH

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*

## Experience

### RESEARCH

07/2017 -    **Research Intern**

09/2017    *IMDEA Software Institute*

09/2015 -    **Undergraduate Research Assistant**

07/2017    *University of Washington Department of Computer Science & Engineering*

## TEACHING

- 09/2017 - **CSE 374 Graduate Teaching Assistant**  
12/2017 *University of Washington Department of Computer Science & Engineering*
- 01/2017 - **CSE 341 Undergraduate Teaching Assistant**  
03/2017 *University of Washington Department of Computer Science & Engineering*

## INDUSTRY

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

## 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 **Jerre Noe Endowed Scholarship**, *University of Washington Department of Computer Science & Engineering*
- 2016 - 2017 **Washington State Opportunity Scholarship**, *College Success Foundation*
- 2016 - 2017 **Roy F. Mather Scholarship**, *Community Foundation for Southwest Washington*
- 2015 - 2016 **Burkhardt Family Endowed Scholarship**, *University of Washington Department of Computer Science & Engineering*
- 2015 - 2016 **Roy F. Mather Scholarship**, *Community Foundation for Southwest Washington*
- 2015 - 2017 **Rotary Scholarship**, *Lewis River Rotary Club*