

Daniel W. Barowy

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Education

Ph.D., University of Massachusetts Amherst, 2017 (Advisor: Prof. Emery Berger)

M.S. Computer Science, University of Massachusetts Amherst, 2013 (Advisors: Profs. Emery Berger and Mark Corner)

B.S. Computer Science, Boston University, Metropolitan College, 2010

B.A. Legal Studies and Philosophy, University of Massachusetts Amherst, 2002

Employment

Associate Professor, Williams College, 2024–present

Assistant Professor, Williams College, 2017–2024

Contract Researcher, RiSE Group, Microsoft Research, June 2021–Jan 2022

Visiting Researcher, RiSE Group, Microsoft Research, Jan–June 2021

Research Assistant, PLASMA Lab, University of Massachusetts Amherst, 2011–2017 (Mentor: Emery Berger)

Research Intern, Programming Languages and Software Engineering Group, IBM T.J. Watson (Yorktown Heights, NY), Summer 2015 (Mentor: Rodric Rabbah)

Research Intern, Decision Lab, Microsoft Research (New York City), Summer 2014 (Mentors: Dan Goldstein and Sid Suri)

Research Intern, Architecture Group, Microsoft Research (Silicon Valley), Summer 2013 (Mentors: John Davis and Eric Chung)

Research Intern, RiSE Group, Microsoft Research (Redmond), Summer 2012 (Mentors: Ben Zorn and Sumit Gulwani)

Research Assistant, PRISMS Lab, University of Massachusetts Amherst, 2010–2011 (Mentor: Mark Corner)

Network Engineer, etc., Bedford/St. Martin's (now Macmillan Learning), 2004–2010 (Supervisor: Eugene Chang)

Teaching

- Williams College, CSCI 331: “Introduction to Computer Security”, Spring 2026 (instructor)
- Williams College, CSCI 136: “Data Structures and Advanced Programming”, Fall 2025 (instructor; two sections)
- Williams College, CSCI 334: “Principles of Programming Languages”, Spring 2025 (instructor)
- Williams College, CSCI 334: “Principles of Programming Languages”, Spring 2024 (instructor)
- Williams College, CSCI 334: “Principles of Programming Languages”, Fall 2023 (instructor)
- Williams College, CSCI 331: “Introduction to Computer Security”, Fall 2023 (instructor)
- Williams College, CSCI 136: “Data Structures and Advanced Programming”, Spring 2023 (instructor)
- Williams College, CSCI 334: “Principles of Programming Languages”, Fall 2022 (instructor)
- Williams College, CSCI 136: “Data Structures and Advanced Programming”, Fall 2022 (instructor)
- Williams College, CSCI 334: “Principles of Programming Languages”, Spring 2022 (instructor)
- Williams College, CSCI 136: “Data Structures and Advanced Programming”, Spring 2022 (instructor)
- Williams College, CSCI 331: “Introduction to Computer Security”, Fall 2021 (instructor)
- Williams College, CSCI 334: “Principles of Programming Languages”, Spring 2020 (instructor)
- Williams College, CSCI 136: “Data Structures and Advanced Programming”, Spring 2020 (instructor)
- Williams College, CSCI 331: “Introduction to Computer Security”, Fall 2019 (instructor)
- Williams College, CSCI 136: “Data Structures and Advanced Programming”, Spring 2019 (instructor)
- Williams College, WSP CSCI 11: “Hour of Code”, Winter 2019 (instructor)
- Williams College, CSCI 334: “Principles of Programming Languages”, Fall 2018 (instructor)
- Williams College, CSCI 334: “Principles of Programming Languages”, Spring 2018 (instructor; two sections)
- Williams College, CSCI 331: “Introduction to Computer Security”, Fall 2017 (instructor)
- Mount Holyoke College, COMSC 201: “Advanced Object-Oriented Programming”, Spring 2017 (instructor)
- UMass Amherst, CMPSCI 220: “Programming Methodology”, Spring 2016 (teaching assistant, with Arjun Guha)
- UMass Amherst, CMPSCI 220: “Programming Methodology”, Spring 2014 (teaching assistant, with John Altidor and Jack Wileden)
- UMass Amherst, Legal Studies 497P: “Law and Media”, Legal Studies Department, University of Massachusetts Amherst, Fall 2001 & Fall 2002 (teaching assistant, with Alan Gaitenby)
- UMass Amherst, Legal Studies H03: “Law and Media Colloquium”, Legal Studies Department, University of Massachusetts Amherst, Fall 2001 & Fall 2002 (teaching assistant, with Alan Gaitenby)

Mentoring

Williams College, thesis, “LayUp: Reimagining Spreadsheet Programming with Automatic Layouts”; Nykolas Rekasius ‘26, AY 2025-2026.

Williams College, thesis, “TheraEph: Safer Application of Large Language Model-based Cognitive Behavioral Therapy”; Aidan Housenbold ‘26, AY 2025-2026.

Williams College, thesis, “Blade Runner: Exploiting Information Theory to Detect LLMs”; Sammy Xiang ‘26, AY 2025-2026.

Williams College, independent study, “Learning Filesystem Manipulation Programs by Example”; Emma Li ‘27, Spring 2025, Fall 2025, and Spring 2026.

Williams College, project, “Compiling a Custom DSL to NVIDIA PTX”; Rick Yanashita ‘26, Spring 2025.

Williams College, independent study, “Metalanguages for Modular Voice Assistants”; Nykolas Rekasius, Winter-Spring 2025.

Williams College, independent study, “LLM-Powered Cognitive Behavioral Therapy Assistants”; Aidan Housenbold, Spring 2025.

SIGPLAN-M Long-Term Mentoring Committee, 2024-2025

Williams College, project, “Voice Programming Languages”; Charlotte Chen ‘27, Lesley Iazzag ‘26, Nikki Lee ‘26, Nykolas Rekasius ‘26, Michelle Wang ‘26, Samuel Xiang ‘26, Summer, Fall 2024

Williams College, thesis, “Privacy-Preserving Peer-to-Peer Web Search”; Ruby Teklemariam ‘24, co-advised with Prof. Jeannie Albrecht, AY 2023-2024

Williams College, thesis, “RESTASSURED: Formally Verifying RESTful API Specification Conformance in Server-side Web Applications”; Ye Shu ‘24, AY 2023-2024

Williams College, thesis, “Lost in Translation: Understanding the Constraints and Shortcomings of AI Text Generation Models”; Sophie Goldstein ‘23, co-advised with Prof. Jeannie Albrecht, AY 2022-2023

Williams College, “SPACEJAM: Plagiarism Detection at Scale Using Steganographic Encodings”; research assistants Ruby Teklemariam ‘24 (Summer 2022 + AY 2022-2023) and Milo Chang ‘24 (Summer 2022)

Williams College, independent study, “BITFRIDGE: Freezing Program Semantics for Deployment”; Rijul Jain ‘25, Summer 2022 + AY 2022-2023

Williams College, project, “SUREVEYOR: A Language for High-Quality Online Surveys”; Ye Shu ‘24, Spring 2022, Summer 2022 + AY 2022-2023

Williams College, independent study, “TRACESYNTH: Program Synthesis for File System Macros”; Carter Melnick ‘22, Fall 2021

Williams College, independent study, “Statistical Quality Control Methods for Online Surveys”; Hugo Hua ‘22, Summer 2021 + AY 2021-2022

Williams College, project, “Finding Inconsistencies in Spreadsheets Through Compressed Formula Representations”; Petros Markopoulos ‘23, Summer 2021

Williams College, thesis, “SHARD: Ad Hoc, Reliable, Distributed Shell”, Markus Feng ‘21, co-advised with Prof. Jeannie Albrecht, AY 2020-2021

UMass Amherst, masters thesis, “BENCHWARMER: DSLs for Sampling from Large Datasets and Design of Experiments”, Vincent Pun (UMass Amherst MSc ‘21), co-advised with Prof. Emery Berger, AY 2020-2021

Williams College, thesis, “EXPERIMAN: Automatically Correct and Replicable Online Experiments”, Emmie Hine ‘20, AY 2019-2020

Williams College, independent study, “Parser Combinators for Minimum Edit Distance Correcting Parsing”, Lily Shao ‘20, Spring 2020

Williams College, winter study, “MOSS: Plagiarism Detection in F#”; Vy Nguyen ‘20, Winter 2020

Williams College, winter study, “Differential Privacy: A Short Study”; Jack Consenstein ‘20, Winter 2020

Williams College, winter study, “Determining Code Similarity for a Better Plagiarism Detection Tool: A Pursuit in Understanding Code Structure and Code Representations”; Emma Corbertt ‘20, Winter 2020

Williams College, independent study: “Earley and Minimum Edit Distance Error Correcting Parsing”, Lily Shao ‘20, Fall 2019

Williams College, project, “Intelligible Syntax Errors for Novice Programmers”; Vy Nguyen ‘21 and Peter Zhao ‘21, so-advised by Prof. Jannie Albrecht, Summer 2019

Williams College, project, “MADMAN: Crowd-Programming Through Online Advertising”; Karmen Liang ‘21 and Max Stein ‘21, Summer 2019

Williams College, independent study, “Autograder Technology”, Jian Lu ‘19 and Yuxin Wu ‘19, Spring 2019

Williams College, independent study, “Security: Plagiarism Detection”; Will Fung ‘19, Alex Han ‘22, David (Kyung Taek) Lee ‘19, and Michael Wong ‘19, co-advised with Prof. Bill Jannen, Fall 2018

Williams College, independent study, “Actionable Programming Language Error Messages”; Lily Shao ‘20, Fall 2018

Williams College, independent study, “Does ProDirect Manipulation Help in Early CS Education?”; Quan Do ‘19, AY 2018-2019

Williams College, project, “Swell Williams Entry-Level Language” (SWELL); Emmie Hine ‘20, Alex Taylor ‘20, and Kiersten Campbell ‘21, Summer 2018

Williams College, independent study, “**flarec**: A Compilation Approach to Extracting Relational Data from Spreadsheets”; Cole Erickson ‘18, Spring 2018

Google Summer of Code 2015, PLASMA @ UMass, “AUTOMAN Monitoring and Debugging Plugin for IntelliJ IDEA”; Bartosz Janota

UMass Amherst, independent study, “FRAMEWRANGLER”; Kevin Gurney (UMass Amherst BSc ‘16), Fall 2014

UMass Amherst, Undergraduate Honors Independent Study, “The AUTOMAN Visual Debugger”; Bianca Tamaskar (UMass Amherst BSc ‘16), Fall 2014

Google Summer of Code 2013, PLASMA @ UMass, “CHECKCELL for Google Spreadsheet”; Alexandru Toader

Publications

Research Articles

Charlie Curtsinger and **Daniel W. Barowy**. RIKER: Always-Correct and Fast Incremental Builds from Simple Specifications. 2022. 2022 USENIX Annual Technical Conference (USENIX ATC '22), pages 885–898. **Awarded best paper.**

Daniel W. Barowy and William K. Jannen. INFRASTRUCTOR: Flexible, No-Infrastructure Scaling Tools for CS. 2020. Proceedings of the 51st ACM Technical Symposium on Computer Science Education (SIGCSE '20), pages 1005–1011. doi: 10.1145/3328778.3366905

Quan Do ('19), Kiersten Campbell ('21), Emmie Hine ('20), Dzung Pham ('20), Alex Taylor ('20), Iris Howley, and **Daniel W. Barowy**. 2019. Proceedings of the 2019 ACM SIGPLAN Symposium on SPLASH-E (SPLASH-E '19), pages 25–35. doi: 10.1145/3358711.3361623.

Daniel W. Barowy, Emery D. Berger, and Benjamin Zorn. EXCELINT: Automatically Finding Spreadsheet Formula Errors. 2018. Proceedings of the ACM on Programming Languages, Volume 2, Issue OOPSLA, Article No. 148 (OOPSLA '18), pages 1–26. doi: 10.1145/3276518

Daniel W. Barowy, Emery D. Berger, Daniel G. Goldstein, and Siddharth Suri. 2017. VOXP: Programming with the Wisdom of the Crowd. Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems (CHI '17), pages 2347–2358. doi: 10.1145/3025453.3026025

Daniel W. Barowy, Charlie Curtsinger, Emery D. Berger, and Andrew McGregor. AUTOMAN: A Platform for Integrating Human-Based and Digital Computation. 2016. Communications of the ACM, Volume 59, Issue 6, pages 102–109. doi: 10.1145/2927928

Daniel W. Barowy, Sumit Gulwani, Ted Hart, Benjamin Zorn. FLASHRELATE: Extracting Relational Data from Semi-Structured Spreadsheets Using Examples. 2015. Proceedings of the 36th ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI '15), pages 218–228. doi: 10.1145/2737924.2737952

Daniel W. Barowy, Dimitar Gochev and Emery Berger. CHECKCELL: Data Debugging for Spreadsheets. Proceedings of the 2014 ACM International Conference on Object Oriented Programming, Systems, Languages & Applications (OOPSLA '14), pages 507–523. doi: 10.1145/2660193.2660207

Daniel W. Barowy, Charlie Curtsinger, Emery D. Berger, and Andrew McGregor. 2012. AUTOMAN: A Platform for Integrating Human-Based and Digital Computation. 2012. Proceedings of the ACM International Conference on Object Oriented Programming Systems, Languages, & Applications (OOPSLA '12). doi: 10.1145/2384616.2384663

Evaluated Software Artifacts

Charlie Curtsinger and **Daniel W. Barowy**. RIKER Evaluation Guide for ATC '22 Artifact Evaluators. 2022. 2022 USENIX Annual Technical Conference (USENIX ATC '22). Evaluated to be *Available*, *Functional*, and *Reproduced*. doi: 10.5281/zenodo.6544966

Daniel W. Barowy, Emery D. Berger, and Benjamin Zorn. ExceLint software artifact. 2018. Proceedings of the ACM on Programming Languages, Volume 2, Issue OOPSLA, Article No. 148 (OOPSLA '18). Evaluated to be *Available*, *Reusable*, and *Functional*. doi: 10.1145/3276934

Daniel W. Barowy, Sumit Gulwani, Ted Hart, Benjamin Zorn. FLASHRELATE software artifact. 2015. Proceedings of the 36th ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI '15). Awarded *Artifact Evaluated* badge and **Distinguished Artifact**.

Daniel W. Barowy, Dimitar Gochev and Emery Berger. CHECKCELL software artifact. 2014. Proceedings of the 2014 ACM International Conference on Object Oriented Programming, Systems, Languages & Applications (OOPSLA '14). Awarded *Artifact Evaluated* badge.

Theses

Daniel W. Barowy. Spreadsheet Tools for Data Analysts. 2017. Doctoral dissertation. 1045. doi: 10.7275/10678415.0

Daniel W. Barowy. AutoMan: Integrating Human and Silicon Computation. 2013. Master's thesis.

Posters, Posters, Talks, etc.

Aidan Housenbold, R. J. Crochiere, A. Williams, and **Daniel W. Barowy**. Evaluating a Generative-AI Therapy Agent on CBT Adherence and Safety. Poster presented at the 60th Annual Convention of the Association for Behavioral and Cognitive Therapy, Baltimore, MD, November 2026.

Ye Shu ('25), Emmie Hine ('20), Hugo Hua ('22), Emery D. Berger, and **Daniel W. Barowy**. 2024. SUREVEYOR: A Language for High-Quality Online Surveys, PLATEAU '24, Feb 2024

Why WCMA? CSCI 334: Principles of Programming Languages, Inside Williams, November 2022 (talk)

RIKER: Always-Correct and Fast Incremental Builds from Simple Specifications, New England Programming Language Symposium (NEPLS), September 2022 (talk)

RIKER: Always-Correct and Fast Incremental Builds from Simple Specifications, Williams College Summer Science Program, July 2022 (talk)

RIKER: Always-Correct and Fast Incremental Builds from Simple Specifications, USENIX ATC '22, July 2022 (talk, poster)

RIKER: Always-Correct and Fast Incremental Builds from Simple Specifications, Jane Street, March 2022 (talk)

INFRASTRUCTOR: Flexible, No-Infrastructure Tools for Scaling CS, SPLASH-E 2020, Chicago, IL. Nov 2020 (lightning talk)

Post-PhD panel discussion, Programming Languages Mentoring Workshop, SPLASH 2019, Athens Greece, Nov 2019 (panel)

Defense Against the Dark Spreadsheet Arts, Microsoft Faculty Summit, July 2019 (talk, poster)

EXCELINT: Automatically Finding Spreadsheet Formula Errors, Microsoft TechFest, Nov 2019 (poster)

EXCELINT: Automatically Finding Formula Errors in Spreadsheets, OOPSLA '18, Nov 2018 (talk)

EXCELINT: Automatically Finding Formula Errors in Spreadsheets, Summer Science Program, July 2018 (talk)

EXCELINT: Automatically Finding Formula Errors in Spreadsheets, IBM PL Day, Dec 2017 (talk)

VoxPL: Programming with the Wisdom of the Crowd, IBM PL Day, Dec 2017 (talk)

WoCMAN: Programming with the Wisdom of the Crowd, New England Programming Language Symposium (NEPLS), Fall 2016 (talk)

WoCMAN: Harnessing the Wisdom of the Crowd for High-Quality Estimates, ASPLOS WAX '16, April 2016 (workshop)

WoCMAN: Harnessing the Wisdom of the Crowd for High-Quality Estimates, POPL '16 Student Research Competition (poster)

FLASHRELATE: Extracting Relational Data from Semi-Structured Spreadsheets Using Examples, PLDI '15, June 2015 (talk)

CHECKCELL: Data Debugging for Spreadsheets, OOPSLA '14, Nov 2014 (talk, poster)

Data Debugging, with Dimitar Gochev and Emery Berger, POPL '14 Off the Beaten Track, Jan 2014 (talk)

AUTOMAN: Integrating Human and Silicon Computation, OOPSLA '12, Nov 2012 (talk)

AUTOMAN: Integrating Human and Silicon Computation, NIPS 2011 Second Workshop on Computational Social Science and the Wisdom of Crowds, Sierra Nevada, Spain, Dec 2011 (poster)

Patents and Patent Applications

AUTOMATIC ERROR FIXES FOR HIGH-AVAILABILITY APPLICATIONS, with Emery D. Berger, Charlie Curtsinger, and Rodric Rabbah; filed Nov 8, 2017, **granted** June 23, 2020. (patent number: 10,691,526)

EXTRACTING RELATIONAL DATA FROM SEMI-STRUCTURED SPREADSHEETS, with Sumit Gulwani, Ben Zorn, and Ted Hart; filed Oct 2, 2013, **submitted but not granted** April 2, 2015. (application number: 14/044063)

Periodicals

Invited article: AUTOMAN: “Programming with People”, appears in “Follow the Crowd”, published Feb. 26, 2013 (<http://crowdresearch.org/blog/?p=5155>).

Professional Service

Reviewing

Ad Hoc Reviewer, 2026 ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA '26)

Panel Reviewer, National Science Foundation, April 2025

Program Committee, 2025 ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA '25)

Ad Hoc Reviewer, National Science Foundation, 2024

Panel Reviewer, National Science Foundation, 2024

Reviewer, 2024 CHI Conference on Human Factors in Computing Systems (CHI '24)

External Review Committee & Artifact Evaluation Committee, 2023 ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA '23)

Program Committee, 44th ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI '23)

External Review Committee, 11th ACM SIGPLAN International Conference on Certified Programs and Proofs (CPP '22)

Program Committee, 2020 Workshop on Human-in-the-loop Methods and Future of Work in BigData

External Review Committee, 2020 ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA '20)

Program Committee, Symposium on SPLASH-E (SPLASH-E '20)

Program Committee, 41st ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI '20)

Program Committee, 2019 Workshop on Human-in-the-loop Methods and Human-Machine Collaboration in BigData

Program Committee, IW3C2 The Web Conference 2019 (aka WWW '19)

Reviewer, Journal of Systems and Software, Oct 2018

Reviewer, Communications of the ACM, Jul 2016

External Review Committee, PLDI 2016 (37th ACM SIGPLAN Conference on Programming Language Design and Implementation)

External Review Committee, ESOP 2016 (25th European Symposium on Programming)

Reviewer, PLDI 2015 Artifact Evaluation Committee (36th ACM SIGPLAN Conference on Programming Language Design and Implementation)

Reviewer, PLDI 2014 Artifact Evaluation Committee (35th ACM SIGPLAN Conference on Programming Language Design and Implementation)

Co-Reviewer, ICSE 2014 (36th International Conference on Software Engineering)

External Reviewer, TOPLAS 2014 (ACM Transactions on Programming Languages and Systems)

External Reviewer, SIGMOD 2013 (ACM Special Interest Group on Management of Data)

College/Department Service

Williams College, *Sigma Xi Chapter President*, 2023-present.

Williams College, *Committee on Academic Integrity*, member, Spring 2026; Chair, academic year 2026-27.

Williams College, *Sigma Xi Interim Chapter President*, Spring 2023.

Williams College, *CS Dept. Colloquium Co-Chair*, 2018-present, except Fall 2024.

Williams College, *CS Department Placement Exam Working Group*, academic year 2022-23.

Williams College, *Calendar Committee*, academic year 2022-23.

Williams College, *CS Department Space Planning Working Group*, academic year 2021-22 through Fall 2025 (project completed).

Williams College, *CS Department Study Away Advisor*, academic years 2021-22 through 2023-24.

Williams College, *Honor and Discipline Committee*, academic years 2019-20, 2021-22.

Williams College, *CS Dept. Website*, academic year 2019-20.

Williams College, *Committee on Academic Standing* (CAS), academic year 2018-19.

Williams College, *CS TA Selection Committee*, academic years 2017-18 and 2018-19.

UMass Amherst, *Co-organizer*, weekly Data Science Tea, academic year 2015-16.

UMass Amherst, *Doctoral Graduate Representative to the Faculty* (“GradRep”), academic year 2014-15.

UMass Amherst, *Department Tea Organizer* (“Tea-Totaller”), academic year 2010-11.

Other Service

Organizing Committee (Web Co-Chair), 44th ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI ’23)

Mentor, Programming Languages Mentoring Workshop (PLMW@PLDI ’22)

Organizing Committee (Web Chair), 43rd ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI ’22)

Mentor, Programming Languages Mentoring Workshop (PLMW@PLDI ’21)

Organizing Committee (Web Chair), 42nd ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI ’21)

Organizing Committee (Student Volunteer Co-Chair), 37th ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI ’16)

Student Volunteer, ACM SIGPLAN Conference on Systems, Programming, Languages and Applications: Software for Humanity (SPLASH ’15)

Organizing Committee (Student Volunteer Co-Chair), 36th ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI ’15)

Volunteer, Western Massachusetts Labor Action, Pittsfield, MA (1998-2000)

Awards

Google Cloud Research Credits Program grant, \$5,000, awarded August 2026

Williams Divisional Research Funding Committee (DRFC) Award, for four RAs for academic year 2024-25, awarded September 2024

Williams Divisional Research Funding Committee (DRFC) Award, for six RAs, Summer 2024

Best paper at USENIX ATC ’22 for RIKER: Always-Correct and Fast Incremental Builds from Simple Specifications, July 2022

Williams Divisional Research Funding Committee (DRFC) Award, for one RA, Spring 2022

Williams Divisional Research Funding Committee (DRFC) Award, for one RA, Fall 2022

Williams Divisional Research Funding Committee (DRFC) Award, for two RAs, Summer 2022

Sigma Xi, full membership, October 2020.

National Science Foundation Award #2008487 for “Collaborative Research: CNS Core: Small: RUI: Intelligent Developer Infrastructure,” \$209,887.00, awarded July 2020.

Williams Divisional Research Funding Committee (DRFC) Award, for four RAs, Summer 2019

Williams Divisional Research Funding Committee (DRFC) Award, for two RAs, Spring 2019

Williams Divisional Research Funding Committee (DRFC) Award, for one RA, Winter 2019

UMass CICS 2017 Outstanding Dissertation Award, awarded Oct 2017

UMass CICS Student Travel Grant, for travel to CHI 2017, awarded Jan 2017

SIGPLAN PAC Student Travel Grant, for travel to PLDI 2016, awarded May 2016

NSF Student Travel Grant, for travel to SPLASH 2015, awarded September 2015

PLDI 2015 Distinguished Artifact, for work on FLASHRELATE, awarded June 2015

NSF Student Travel Grant, for travel to PLDI 2015, awarded summer 2015

SIGPLAN PAC Student Travel Grant, for travel to SPLASH 2014, awarded August 2014

Microsoft Research Graduate Fellowship, Finalist, 2012

SIGPLAN PAC Student Travel Grant, for travel to SPLASH 2012, awarded September 2012

Shep Shepard Legal Studies Award, Legal Studies Department, University of Massachusetts, Amherst, for academic excellence achieved within Legal Studies and contributions to the community, awarded May, 2001

Phi Beta Kappa Honor Society, inducted May, 2001

Last updated: August 20, 2026
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