

Jamie Gorson

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I am interested in designing, building, and researching technology that increases student engagement and motivation in hands-on learning environments. My current research explores how novice programmers' mindsets and self-efficacy appraisals impacts their programming behaviors and persistence in the major or field.

Education

Northwestern University, Evanston, IL
Ph.D., Computer Science and Learning Sciences, Expected 2021
Joint Ph.D. program
Advisor: Professor Eleanor O'Rourke

Franklin W. Olin College of Engineering, Needham, MA
B.S., Electrical and Computer Engineering, 2016
Concentration in Innovative Education

Grants & Awards

Winner: Student Poster Competition, Inaugural Symposium on CS & LS, 2019
National Science Foundation, Graduate Research Fellowship (GRFP), 2016
Segal Design Institute, Design Research Fellow, 2017
Computing Research Association, Women Grad Research Cohort Attendee, 2019
Anita Borg Institute Grace Hopper Scholarship, 2016
Olin College Merit Scholarship, 2012
National Merit Scholar, 2012

Publications

Rees Lewis, D., **Gorson, J.**, Maliakal, L. V., Carlson, S. E., Gerber, E. M., Riesbeck, C. K., & Easterday, M. W. (2018). *Planning to iterate: Supporting iterative practices for real-world ill-structured problem-solving*. Presented at ICLS 2018.

Carlson, S. E., Maliakal, L. V., Rees Lewis, D., **Gorson, J.**, Gerber, E. M., & Easterday, M. W. (2018). *Defining and assessing risk analysis: the key to strategic iteration in real-world problem solving*. Presented at ICLS 2018.

Gorson, J., Patel, N., Beheshti, E., Magerko, Brian., Horn, M. S. (2017). "TunePad: Computational Thinking Through Sound Composition". Presented at *Proc. Interaction Design and Children (IDC'17)*. Stanford, CA.

Presentations

Gorson, J., and Rifkin, N. (2015.) "Project-based Learning at Olin College." *STEMconnector Disruptive Innovation in Higher Education*. National Press Club, Washington D.C.

Professional Experience

athenahealth, Software Development Intern
Patient Portal Communicator Team, Watertown, MA (Summer 2015)

Microsoft, Explorer Intern
DevDiv Visual Studio Team, Redmond, WA (Summer 2014)

	<p>Lockheed Martin, College Student Technical Intern Machine learning research and development, Valley Forge, PA (2013-2014)</p> <p>Cortica Ltd., Intern QA for image recognition, Haifa, Israel (Summer 2013)</p>
Service & Consulting	<p>Graduate Women in Computing, Founding Co-President Northwestern University (2019 - Present) Co-founded a graduate women in computing group to help support and attract female PhD students in the Computer Science department.</p> <p>Computer Science PhD Advisory Council, Founding Member Northwestern University (2017 - Present) Founding member of a PhD student council seeking to foster community within Computer Science PhD students at Northwestern University and increase communication between students and the department.</p> <p>Engineering Design Independent Researcher and Consultant KU Leuven, Belgium (2015) Worked with faculty at KU Leuven and Thomas More University to incorporate design thinking and project-based learning into their engineering programs, both at the bachelor and post-graduate levels.</p> <p>Collaboratory, Ambassador Olin College (2013-2016) Discussed and demonstrated Olin's unique educational methods to visiting professionals, from both industry and academia.</p>
Teaching Experience	<p>Seminar Instructor, Computing Everywhere Northwestern University, (2017-2019) Taught seminar course to communication undergraduate students on the basics of python programming.</p> <p>Course Assistant, Computer Architecture Olin College, (2013-2014)</p>