

# Jamie Gorson

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I am interested in designing, building, and researching technology that increases engagement and motivation in learning. My current research explores how novice programmers' beliefs impacts their, self-evaluations, programming behaviors and persistence.

- 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**      Student Poster Competition Winner, Inaugural Symposium on CS & LS, 2019  
Computing Research Association - Women, Grad Cohort Attendee, 2019  
Segal Design Institute, Design Research Fellow, 2017  
**National Science Foundation, Graduate Research Fellowship (GRFP), 2016**  
Anita Borg Institute Grace Hopper Scholarship, 2016  
Olin College Merit Scholarship, 2012  
National Merit Scholar, 2012
- Publications**      **Jamie Gorson** and Eleanor O'Rourke. 2019. How Do Students Talk About Intelligence? An Investigation of Motivation, Self-efficacy, and Mindsets in Computer Science. In Proceedings of International Computing Education Research Conference, Toronto, ON, Canada, August 12–14, 2019 (ICER '19).
- Daniel G. Rees Lewis, **Jamie Gorson**, Leesha V. Maliakal, Spencer E. Carlson, Elizabeth M. Gerber, Christopher K. Riesbeck, and Matthew W. Easterday (2018). Planning to iterate: Supporting iterative practices for real-world ill-structured problem-solving. Presented at ICLS 2018.
- Spencer E. Carlson, Leesha V. Maliakal, Daniel G. Rees Lewis, **Jamie Gorson**, Elizabeth M. Gerber, and Matthew W. Easterday (2018). Defining and assessing risk analysis: the key to strategic iteration in real-world problem solving. Presented at ICLS 2018.
- Jamie Gorson**, Nikita Patel, Elham Beheshti, Brian Magerko, Michael Horn (2017). TunePad: Computational Thinking Through Sound Composition. In Proceedings of Interaction Design and Children (IDC'17). Stanford, CA.
- 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)
- Lockheed Martin**, College Student Technical Intern

Machine learning research and development, Valley Forge, PA (2013-2014)

**Cortica Ltd.**, Intern

QA for image recognition, Haifa, Israel (Summer 2013)

## Service

### **Academic Service - Reviewer**

2020 ACM Conference on Human Factors in Computing Systems (CHI 2020)

2019 ACM Conference on Human Factors in Computing Systems (CHI 2019)

2018 ACM Conference on Interaction Design and Children (IDC 2018)

### **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.

### **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.

### **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.

### **Collaboratory, Ambassador**

Olin College (2013-2016)

Discussed and demonstrated Olin's unique educational methods to visiting professionals, from both industry and academia.

## Teaching Experience

**Seminar Instructor**, Imposter Syndrome: How to fight the feeling that you're faking it. St. Francis University, (October 2019)

Taught seminar course for STEM students about fighting imposter syndrome.

### **Seminar Instructor**, Computing Everywhere

Northwestern University, (2017-2019)

Graduate students instructor of seminar course for communication undergraduate students. Taught the basics of programming in python.

### **Course Assistant**, Computer Architecture

Olin College, (2013-2014)