

# Jamie Gorson

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I am interested in creating technology that increases student engagement and motivation in hands-on and project-based learning environments.

- Education**
- Northwestern University**, Evanston, IL  
Ph.D., Computer Science and Learning Sciences, Expected 2021  
Joint Ph.D. program  
Advisor: Professor Eleanor O'Rourke
  - Olin College of Engineering**, Needham, MA  
B.S., Electrical and Computer Engineering, 2016  
Concentration in Innovative Education
- Grants & Awards**
- National Science Foundation Graduate Research Fellowship (GRFP), 2016
  - Segal Design Fellowship, 2017
  - Anita Borg Institute Grace Hopper Scholarship, 2016
  - 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". To be in *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.
- Projects**
- Brightbox: Hands-on EdTech for Rural India**, Olin College (2015-2016)  
Project managed a team to develop, build and deploy the Brightbox and the associated curriculum to aid in teaching children optics. The Brightbox is used in schools in rural India and Ghana to encourage exploratory learning and a curiosity for science.
  - Capture It: A Mobile Design App for Kids**, Olin College (2015-2016)  
My team and I developed and built Capture It, an application in DS Solid-works's new educational ecosystem called Apps for Kids. Capture It is a brainstorming application meant to inspire creativity and curiosity in the design process.

Professional Experience	<p><b>athenahealth</b>, Software Development Intern Patient Portal Communicator Team, Watertown, MA (Summer 2015)</p>
	<p><b>Microsoft</b>, Explorer Intern DevDiv Visual Studio Team, Redmond, WA (Summer 2014)</p>
	<p><b>Lockheed Martin</b>, College Student Technical Intern Machine learning research and development, Valley Forge, PA (2013-2014)</p>
	<p><b>Cortica Ltd.</b>, Intern QA for image recognition, Haifa, Israel (Summer 2013)</p>
Service & Consulting	<p><b>Founding Member of Computer Science PhD Advisory Council</b> Northwestern University (2017 - Present) PhD student organization seeking to foster community within Computer Science PhD students at Northwestern University and increase communication between students and the department.</p>
	<p><b>Engineering Design Independent Researcher and Consultant</b>, KU Leuven, Belgium (2015) Worked with faculty at KU Leuven and Thomas More University, higher education institutes in Belgium, to incorporate design thinking and project-based learning into their engineering programs, both at the bachelor and post-graduate levels.</p>
	<p><b>Ambassador</b>, Olin College (2013-2016) Discussed and demonstrated Olin's unique educational methods to visiting professionals, from both industry and academia.</p>
Teaching Experience	<p><b>Course Assistant</b>, Computer Architecture Olin College, Professor Benjamin Hill (Fall 2014)</p>
	<p><b>Course Assistant</b>, Computer Architecture Olin College, Instructor Eric VanWyk (Fall 2013)</p>
Professional Memberships	<p>Association for Computing Machinery International Society of the Learning Sciences</p>