

# MOLLY Q FELDMAN

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CONTACT INFORMATION	Department of Computer Science Williams College Williamstown, MA <a href="http://www.feldmanmolly.com">http://www.feldmanmolly.com</a>	<a href="mailto:contact@feldmanmolly.com">contact@feldmanmolly.com</a>
RESEARCH INTERESTS	Human-computer interaction, educational technology, crowdsourcing and human computation, programming languages	
CURRENT POSITION	<b>Williams College</b> , Williamstown, MA Visiting Assistant Professor of Computer Science <i>Courses Taught:</i> Human Work in Computational Systems (CS/STS377); Introduction to Computer Science (CS 134)	2020 - 2021
EDUCATION	<b>Cornell University</b> , Ithaca, NY Ph.D., Computer Science Thesis: <i>Realizing the Human Potential of Program Synthesis &amp; Crowdsourcing</i> <b>Cornell University</b> , Ithaca, NY M.S., Computer Science <b>Swarthmore College</b> , Swarthmore, PA B.A., Mathematics and Computer Science Elected Phi Beta Kappa Course Work, Budapest Semesters in Mathematics, Spring 2014	2015 - 2020   December 2018  2011 - 2015
PUBLICATIONS	Molly Q Feldman & Brian McInnis. “How we write with crowds”. <i>To Appear in the ACM Conference on Computer-Supported Cooperative Work and Social Computing</i> . 2020.  Molly Q Feldman, Yiting Wang, William E. Byrd, François Guimbretière, Erik Andersen. “Towards Answering “Am I On the Right Track?” Automatically Using Program Synthesis”. <i>Proceedings of the 2019 ACM SIGPLAN Symposium on SPLASH-E</i> . 2019.  Molly Q Feldman, Ji Yong Cho, Monica Ong, Sumit Gulwani, Zoran Popović, Erik Andersen. “Automatic Diagnosis of Student Misconceptions in K-8 Mathematics”. <i>ACM CHI Conference on Human Factors in Computing Systems</i> . 2018.	
INVITED TALKS	“Applying Newly Practical Techniques to Human-Centered Problems”: - Department of Computer Science, Williams College, 28 April 2020 (Cancelled due to COVID-19) “A Practical Guide to User Evaluation for PL Folk”: - Programming Languages Seminar (PLDG), Cornell University, 26 February 2020 “Automatic Diagnosis of Student Misconceptions in K-8 Mathematics”: - Department of Computer Science, Harvard University, 21 June 2019 - Artificial Intelligence Seminar, Cornell University, 20 April 2018 “Salvaging Student Programs, Automatically”: - Programming Languages Seminar (PLDG), Cornell University, 18 October 2017 “Building Better Automated Feedback Solutions”: - Department of Computer Science, Brown University, 22 November 2016 - Programming Languages Seminar (PLDG), Cornell University, 16 November 2016 “PL-based Educational Technology”: - IFIP WG2.8 Meeting XXXIV, Lake Placid, NY, 18 July 2016	

TEACHING EXPERIENCE	<p><b>Lecturer</b> <span style="float: right;">Fall 2019</span>  CS 5306: Crowdsourcing and Human Computation  Department of Computer Science,  Cornell University</p> <p><b>Head Graduate Teaching Assistant</b> <span style="float: right;">Fall 2015, Spring 2019, Spring 2020</span>  CS 4700: Foundations of Artificial Intelligence  Instructors: Haym Hirsh; Bart Selman  Department of Computer Science,  Cornell University  <i>Awarded three Outstanding Teaching Assistant Awards</i></p> <p><b>Head Graduate Teaching Assistant</b> <span style="float: right;">Fall 2018</span>  CS 5306: Crowdsourcing and Human Computation  Instructor: Haym Hirsh  Department of Computer Science,  Cornell University</p> <p><b>Head Graduate Teaching Assistant</b> <span style="float: right;">Spring 2017, Summer 2018</span>  CS 1110: Introduction to Computing Using Python  Instructors: Erik Andersen, Lillian Lee; Graeme Bailey  Department of Computer Science,  Cornell University</p>
INDUSTRY EXPERIENCE	<p><b>Research Intern</b> <span style="float: right;">Summer 2019</span>  Google Cambridge  Tutor Team</p>
AWARDS	<p><b>Outstanding Teaching Assistant Award</b> <span style="float: right;">May 2020</span>  Awarded by Haym Hirsh in acknowledgement of work as the Head TA of Cornell's CS 4700: Foundations of Artificial Intelligence.</p> <p><b>Outstanding Teaching Assistant Award</b> <span style="float: right;">May 2019</span>  Awarded by Haym Hirsh in acknowledgement of work as the Head TA of Cornell's CS 4700: Foundations of Artificial Intelligence.</p> <p><b>OOPSLA Distinguished Artifact Evaluation Committee Member</b> <span style="float: right;">November 2018</span>  Awarded in recognition of my contributions to the OOPSLA 2018 Artifact Evaluation Committee.</p> <p><b>Outstanding Teaching Assistant Award</b> <span style="float: right;">May 2017</span>  Awarded by Lillian Lee and Erik Andersen in acknowledgement of work as the Head TA of Cornell's CS 1110: Introduction to Computing Using Python.</p> <p><b>Outstanding Teaching Assistant Award</b> <span style="float: right;">May 2016</span>  Awarded by Bart Selman in acknowledgement of work as the Head TA of Cornell's CS 4700: Foundations of Artificial Intelligence.</p>
SERVICE	<p><b>Committee Member:</b> HATRA 2020, SPLASH-E 2020, OOPSLA 2018 AEC - <i>Distinguished Reviewer Award</i></p> <p><b>Reviewer:</b> CSCW 2020, CHI 2020 - <i>Special Recognitions for Outstanding Review</i>, DIS WiP 2019, AfriCHI 2018</p>
DEPARTMENTAL SERVICE	<p>Committee Member, Gates Hall Space Committee, 2018 - 2020  Graduate Student Reader, Computer Science Department PhD Admissions Committee, 2019  Committee Member, Computing and Information Science Diversity Committee, 2017 - 2019  Co-Organizer, Programming Languages Discussion Group, Cornell University, 2016 - 2019  Colloquium Czar, Cornell University Computer Science, 2016 - 2017  Co-Organizer, Cornell Computer Science Prospective Student Visit Day, 2016</p>
OUTREACH	<p>Volunteer, Cornell Math Department Elementary School Outreach, 2016 - 2019  Fellow, Cornell Graduate Student School Outreach Program (GRASSHOPR), Spring 2017</p>

Presenter, American Association of University Women (AAUW) TechSavvy, Spring 2017  
Co-Leader, Expanding Your Horizons (EYH) workshop, 2016 - 2018  
Mentor, Women in Computing at Cornell (WICC), 2016

MEMBERSHIPS      Member, Swarthmore College Chapter, Phi Beta Kappa  
                         Elected, Swarthmore College Chapter, Sigma Xi  
                         Member, Association for Computing Machinery (ACM), SIGPLAN, and ACM-W

REFERENCES      Available upon request