

Rasika Bhalerao

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EDUCATION

(Expected) MAY 2021	PhD in COMPUTER SCIENCE New York University Advisor Dr. Damon McCoy GPA 3.9
JUNE 2017	BS in APPLIED & COMPUTATIONAL MATH SCIENCES (DISCRETE MATH & ALGORITHMS) BS in STATISTICS University of Washington, Seattle Honors Program GPA 3.3

TEACHING

PHILOSOPHY: EXPOSE STUDENTS TO THE WORLD AND GIVE THEM THE TOOLS TO IMPROVE IT.

SPRING 2020	Co-Instructor for Network Security Course at NYU NYU Online MS in Cybersecurity Risk & Strategy for Professionals
FALL 2019	Co-Instructor for Grad/Undergrad Security Analytics Course at NYU Second iteration of course on data science for security and privacy problems
SPRING 2019	Instructor for Graduate Artificial Intelligence I Course at NYU Average student course evaluation: 4.1/5
FALL 2018	Course Assistant for Graduate Security Analytics Course at NYU Designed new course (assignments and several lectures) under Prof. McCoy.
FALL 2017 & SPRING 2018	Course Assistant for Grad/Undergrad Network Security Course at NYU
JAN 2015-JUNE 2017	Teaching Assistant at University of Washington Computer Science

RESEARCH-RELATED EMPLOYMENT

JUNE-AUG 2019	Tech Research Intern at Spotify Boston, MA Research for Language in Learning Technologies lab to filter podcast content quality.
JUNE-DEC 2018	Research and Development Intern at Flashpoint Intel New York, NY Conducted classified NLP and security research, and developed deep & dark web tools.
JUNE-SEPT 2017	Research Assistant at International Computer Science Inst. Berkeley, CA NLP, ML, and security analyzing cybercrime forums. IEEE eCrime paper published 2019.
JUNE-AUG 2016	Applied Math Research (REU) at UCLA Developed an algorithm for processing hyperspectral imagery. IEEE paper published 2017.
JUNE 2014-AUG 2015	Research Intern at UW Image Research Lab UW Medical Ctr. Dept. of Radiology MATLAB and Arduino to analyze light signals transmitted through finger.

PUBLICATIONS

Rasika Bhalerao, Maxwell Aliapoulos, Ilia Shumailov, Sadia Afroz and Damon McCoy, "Mapping the Underground: Supervised Discovery of Cybercrime Supply Chains," 2019 APWG Symposium on Electronic Crime Research (eCrime), Pittsburgh, PA, USA, 2019, pp. 1-16, doi: 10.1109/eCrime47957.2019.9037582. **Honorable mention for best paper award**

Victoria Chayes, Kevin Miller, **Rasika Bhalerao**, Jiajie Luo, Wei Zhu, Andrea L. Bertozzi, Wenzhi Liao, Stanley Osher, "Pre-processing and classification of hyperspectral imagery via selective inpainting," 2017 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), New Orleans, LA, 2017, pp. 6195-6199, doi: 10.1109/ICASSP.2017.7953347.

OTHER

- SEPT 2013-PRESENT Society of Women Engineers
FY20: [GradSWE](#) Communications Coordinator. FY19: GradSWE Social Media Coordinator.
FY16/FY17: UW section Treasurer, membership grew tenfold, \$50,000 budget, proud of it.
FY15: UW Director of Evening With Industry (800 member career fair and banquet).
- JAN 2020-PRESENT Mentoring High School Student with Phishing Research Project
- APRIL - NOV 2019 CSAW '19 [Applied Research Competition](#) Co-Chair