

Naomi Johnson

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EDUCATION	University of Virginia , Charlottesville, Virginia	Aug 2018 – May 2020
	<ul style="list-style-type: none">▪ B.A., Computer Science▪ Relevant coursework: Databases, Web Development, Applied Machine Learning, Statistics, Feminist Theories, Lost and Found in Translation, Public Speaking	
	Brigham Young University , Provo, Utah	Sep 2016 – Apr 2018
	<ul style="list-style-type: none">▪ Relevant coursework: Data Structures, Discrete Structures, Advanced Programming, Calculus	
SKILLS	Computer Languages <ul style="list-style-type: none">▪ Python, JavaScript, C++, Java, PHP, R, MySQL, HTML5/CSS3, L^AT_EX	
TEACHING EXPERIENCE	Teaching Assistant , Human Computer Interaction in Software Development	Aug 2018 – Dec 2018
	<ul style="list-style-type: none">▪ Ranked highest of five TAs in both knowledge of course content and teaching skills▪ Supervised students' group work, held office hours, graded projects	
	Teaching Assistant , Introduction to Computer Programming	Aug 2016 – Dec 2016
	<ul style="list-style-type: none">▪ Instructed lab help sessions to groups of up to 40 students about arrays, classes, and pointers▪ Tutored students one-on-one and teaching debugging skills	
RESEARCH EXPERIENCE	Creative Technologies Lab Intern , Adobe Research	Jan 2019 – Apr 2019
	<ul style="list-style-type: none">▪ Created prototype of new features for Data Illustrator, a GUI for creating data visualizations▪ Created algorithm to determine relationships between a graph and a new data set▪ Applications include generating an updated graph, suggesting graph types, exploring data	
	Research Assistant , Brigham Young University	Nov 2016 – May 2018
	<ul style="list-style-type: none">▪ Designed a scalable and unmoderated A/B/C usability test; ran 60 users; produced 23 data visualizations; published research (2018, 2019)▪ Designed and ran quantitative study about students' experience in the Computer Science department, published research at FIE (2019, 2019)	
	Research Assistant , Stanford University	Jun 2017 – Aug 2017
	<ul style="list-style-type: none">▪ Ran card sorting interviews and usability studies resulting in 20 actionable tasks to simplify the menu of the novice web developer tool.▪ Desk research to inform design of usability study; assisted with data collection for UX testing of web designer tool; co-author of CHI paper (2018)	
INDUSTRY EXPERIENCE	Software Engineer , Microsoft	May 2020 – Present
	<ul style="list-style-type: none">▪ 2020 Hackathon participant; ran usability tests on aka.ms/mentor; analyzed data, and created 10 actionable tasks to improve search UX, resulting in first-time users' fatal errors decreasing from 33	
	Explorer Intern , Microsoft	May 2018 – Aug 2018
	<ul style="list-style-type: none">▪ Created paper prototypes, interviewed 10 users to gather requirements, ran usability tests for the AI pipeline for the Satori knowledge graph resulting in an expected savings of 120 hours per year on status checks▪ Planned 12 lunches for interns to learn about different roles at Microsoft	
SERVICE	Microsoft Mentoring for CS Undergrads, Pilot program	2020–Present
	Microsoft Care for Students (Grades 6-12)	2020–Present
	University of Virginia Society of Women Engineers (SWE), Mentor	2019–2020
	University of Virginia Women in Computer Science (WiCS), Mentor	2019–2020
	IEEE Frontiers in Education Conference (FIE), Reviewer	2019
	ACM Technical Symposium on Computer Science Education, Reviewer	2018

PUBLICATIONS	<u>N. Johnson</u> , R. Moulder, and K. Seppi, “A Longitudinal Analysis of Gender and Academic Performance Effects on Student Confidence,” in <i>2019 IEEE Frontiers in Education Conference (FIE)</i> , Cincinnati, Ohio. Oct 2019.		
	<u>N. Johnson</u> , J. Garcia, and K. Seppi, “Women in Computer Science: Changing the Women or Changing the World?,” in <i>2019 IEEE Frontiers in Education Conference (FIE)</i> , Cincinnati, Ohio Oct 2019.		
	K. Tanner, <u>N. Johnson</u> , J. Landay, “Poirot: A Web Inspector for Designers,” in <i>Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems (CHI ’19)</i> ., ACM, New York, NY, USA, 1424-1433. May 2019. http://doi.acm.org/10.1145/3290605.3300758		
	M. Jones, <u>N. Johnson</u> , K. Seppi, L. Thatcher, “Understanding How Non-Experts Collect and Annotate Activity Data,” in <i>Proceedings of the 2018 ACM International Joint Conference and 2018 International Symposium on Pervasive and Ubiquitous Computing and Wearable Computers (UbiComp ’18)</i> . ACM, New York, NY, USA, 1424-1433. Oct 2018. https://doi.org/10.1145/3267305.3267507		
AWARDS & SCHOLARSHIPS	<ul style="list-style-type: none">▪ Scholarship to Women in Cyber Security 2019 Conference (Pittsburgh, Pennsylvania) Mar 2019 Awarded funding for registration fee and room & board to attend WiCys 2019 in Pennsylvania▪ Anita Borg Institute Grace Hopper Conference Student Scholarship (Houston, Texas) May 2018 Awarded funding for transportation, registration fee, and room & board to attend GHC 2018 in Texas▪ BYU Undergraduate Research Grant (Provo, Utah) Feb 2018 Awarded \$1,500 grant to pursue CS research▪ Adobe Research Women in Technology Scholarship recipient (San Jose, California) Jan 2018 Awarded \$10,000 scholarship for tuition and work in CS research▪ BYU CS Research Conference Scholarship (Provo, Utah) May 2017 Awarded \$2,000 scholarship to attend ACM’s Computer Human Interaction (CHI) research conference		
	CAMPUS ACTIVITIES	Computer and Network Security club (CNS) Aug 2018 – Dec 2019	
		<ul style="list-style-type: none">▪ Attended weekly practices to prepare for regional competition▪ Competed in MetaCTF at the University of Virginia (Oct 2018), 14th place out of 55 teams▪ Participated in PatriotCTF at George Mason University (Nov 2018), 9th place out of 15 teams	
		International Collegiate Programming Contest (ICPC) Aug 2018 – Dec 2019	
		<ul style="list-style-type: none">▪ Attended weekly practices to prepare for regional competition	
Association of Computing Machinery (ACM) Sep 2016 – Apr 2018			
	<ul style="list-style-type: none">▪ Served as president and vice president▪ Coordinated with Major League Hacks (MLH) for BYU ACM’s first ever 24 hour hackathon▪ Responsible for supervising ten officers and a \$8,000 budget▪ Planned networking events with as many as 10 companies and over 200 students per event		