

Sarah Hand

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EDUCATION

Carnegie Mellon University School of Computer Science

Expected graduation - AUGUST 2021

Master of Human Computer Interaction (MHCI)

University of North Carolina at Chapel Hill - MAY 2020

Computer Science B.A. and Psychology B.S.

Carolina Honors College

EXPERIENCE

Technical Architect Intern, GE Power

JUNE 2019 - AUGUST 2019

- Served as Project Manager for an employee-facing, AWS-connected service that is predicted to save Power ~\$280k in 2019
- Employed Agile methodology and mindset to drive productivity as Project Manager
- Redesigned Power's employee communication app to make it more simple, engaging, and useful for all GE employees, gaining valuable experience in UX/UI, user research, and AWS
- Communicated with teams worldwide by providing training and support
- Collaborated with other interns to propose a lean alternative to a current manufacturing process to save time and money on the shop floor

Lead Research Assistant, Carolina Affective Science Lab, University of North Carolina at Chapel Hill

JANUARY 2017 - PRESENT

- Lead research assistant assessing how linguistic cues shape emotion concept acquisition for children ages 3 to 5
- Conducted multiple studies assessing emotion understanding and language with young adults, including the handling of physiological equipment and administering behavioral tasks
- Assessed emotion language used in archival transcripts of Spanish speaking populations

Undergraduate Teaching Assistant, COMP 101 & 110 University of North Carolina at Chapel Hill

AUGUST 2018 - DECEMBER 2018

- Provided guidance and support to students in introductory computer science courses
- Worked one-on-one with students in office hours to review concepts and programming assignments

PUBLICATION

Hand, S., Rice, L., & Greenlee, E.T. (2017). Exploring teachers' and students' gender role bias and students' confidence in STEM fields. *Social Psychology of Education*, 20(4), 929-945.

RELEVANT SKILLS

Languages: Java, CSS, JavaScript, TypeScript, SQL, Python (familiar), C (familiar)

Other: Qualtrics, HTML, Adobe Lightroom

VOLUNTEER EXPERIENCE

Summer Intern, Manna Project International, Ecuador

SUMMER 2018

- Repaired the computers used at the Los Chillos Valley community center
- Designed and implemented a girls' health resource center
- Taught English and nutrition classes, volunteered with a home for teen mothers, and worked with a university-level English class

Student Mentor, CODE ON SUMMER 2018

- Volunteered with Charleston Women in Tech's CodeOn initiative which creates free coding labs in Charleston's underserved neighborhoods, providing technology, internet access, and teachers from Charleston's top tech talent
- Mentored the children in these coding labs
- Guided students through their learning and provided support and encouragement