

Emily N. Mech

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EDUCATION

- 2019 – Present **Ph.D. Candidate, University of Illinois at Urbana-Champaign (UIUC)**
Cognitive Psychology; GPA: 4.0/4.0
- 2018 **M.A., University of California, Riverside (UCR)**
Cognitive Psychology; GPA: 4.0/4.0
- 2016 **B.A., University of Wisconsin-Madison**
Psychology & Communication Sciences and Disorders; Minor in German
GPA: 3.9/4.0; Comprehensive Honors with Distinction

RESEARCH EXPERIENCE

- 2019 – Present **Graduate Student Researcher**, University of Illinois at Urbana-Champaign
Dept. of Psychology: Cognition and Brain Lab, Learning and Language Lab
- Designed, collaborated on, & programmed seven experiments using qualitative & quantitative methods including EEG, online studies, behavioral responses & surveys
 - Created data wrangling, visualization, & analysis pipelines using R, Python, & MATLAB to implement univariate & multivariate statistics
 - Presented research to colleagues & published research in scientific journals
- 2016 – 2019 **Graduate Student Researcher**, University of California, Riverside
Dept. of Psychology: Bilingualism, Mind, & Brain Lab, Psychology of Language Lab
- Conceptualized & implemented multiple research projects, presented findings at scientific conferences (5 talks, 25 posters), published in handbooks and journals
 - Managed a team of 12+ research assistants, led trainings on experimental design, methods, data analysis, troubleshooting, programming, & scientific communication
- 2018 **Visiting Scholar**, University of Granada, Spain
Mind, Brain, & Behavior Research Center: Memory & Language Research Group
- Programmed an experiment, collected data, analyzed & presented results within a two-month visiting scholar appointment while supporting research assistants in primary lab

SKILLS, SERVICE, & AWARDS

- Technical** R, Python, MATLAB, JavaScript, GitHub, E-Prime, Microsoft Office, Latex
Experimental Design, Data Analysis & Visualization, Statistics, Machine Learning
- Teaching** Taught Six Courses Relating to Cognition; Received Excellent Teacher Rating: UIUC
- Mentoring** Mentored 21 Research Assistants; Oversaw Theses & International Data Collection
- Service** Ad Hoc Reviewer: CogSci, JML, Brain & Language, Neuropsychologia
Graduate Student Departmental Representative: UCR, UIUC
SwaTaleem Data Analysis and Visualization Intern: UIUC
- Awards** Illinois Distinguished Fellowship, UIUC (\$75,000)
Chancellor’s Distinguished Fellowship, UC Riverside (\$23,000)