

Grace Guo

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Education

Carnegie Mellon University

Bachelor of Science in Cognitive Science
Additional Major in Human-Computer Interaction
QPA: 3.91, Dean's List High Honors

May 2018

Systems, Learning in Humans and Machines

Skills

- Python 2/3
- HTML/CSS
- Javascript
- C
- Photoshop
- InDesign
- Illustrator
- After Effects
- InVision
- SPSS
- WEKA

Experience

UX Researcher, Cognitive Tutor Authoring Tools

CMU Human-Computer Interaction Institute, Pittsburgh, PA

Jan 2018
- Present

- Redesign CTAT for greater adoption in institutes of higher education
- Prototype multiple iterations of CTAT tutorials for greater efficacy
- Conduct user research to improve approachability and comprehensiveness
- Implement redesigned website for clients

UX Researcher, macroinvertebrates.org

CMU Learning Media Design Center, Pittsburgh, PA

Sep 2017
- Present

- Conduct user research to improve macroinvertebrates.org for novice citizen scientists
- Perform quantitative and qualitative data analyses to understand expert versus novice practices when identifying specimens
- Create visualizations to model and communicate expert strategies when faced with uncertainties

Teaching Assistant, Fundamentals of Programming and CS

Carnegie Mellon University, Pittsburgh, PA

Sep 2015
- May 2016

- Led recitations on Python programming
- Planned and conducted lectures on data-mining and html parsing in Python
- Mentored student capstone projects to provide guidance where needed

Teaching Assistant, Cognitive Psychology

Carnegie Mellon University, Pittsburgh, PA

Sep 2016
- Dec 2016

- Conducted review sessions on cognitive psychology concepts
- Held office hours for weekly lectures and homework content review

Research Intern, I²R

Agency for Science, Technology and Research (A*Star)

Jun 2015
- Aug 2015

- Wrote Python code for understanding user interests based on Instagram posts
- Used Instagram API to mine posts from Instagram