

Grace Guo

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SMC 1096
Pittsburgh, PA 15213

Education

Carnegie Mellon University

May 2018

Bachelor of Science in Cognitive Science
Additional Major in Human-Computer Interaction

QPA: 3.91, Dean's List High Honors

Notable courses: User-Centered Research and Evaluation, Software Structures for User Interfaces, Rapid Prototyping

Skills

- Python 2/3
- HTML/CSS
- Javascript
- C
- InDesign
- Illustrator
- After Effects
- InVision
- SPSS
- Contextual Inquiry

Experience

UX Researcher, Cognitive Tutor Authoring Tools

Jan 2018

CMU Human-Computer Interaction Institute, Pittsburgh, PA

- Present

- Redesign CTAT for greater adoption in institutes of higher education
- Conduct user research to understand problems and breakdowns when instructors design problem sets
- Prototype and test interface changes to improve CTAT user experience

UX Researcher, macroinvertebrates.org

Sep 2017

CMU Learning Media Design Center, Pittsburgh, PA

- 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

Front-end Designer, PeerPresents

Jan 2017

CMU Human-Computer Interaction Institute, Pittsburgh, PA

- May 2017

- Redesigned app that collects and organizes audience feedback during presentations
- Implemented front-end mobile browser experience
- Created a user-centered experience through usability testing and prototyping

Teaching Assistant, Cognitive Psychology

Sep 2016

Carnegie Mellon University, Pittsburgh, PA

- Dec 2016

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

Teaching Assistant, Fundamentals of Programming and CS

Sep 2015

Carnegie Mellon University, Pittsburgh, PA

- 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