

Grace Guo

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I am interested in research at the intersection of AI, learning sciences and human-computer interaction. My current projects focus on explainable AI, visualization by demonstration, and visual analytics.

Education

Georgia Institute of Technology

PhD in Human-Centered Computing

Advised by Dr. Alex Endert

2019
- Current

Carnegie Mellon University

BS in Cognitive Science

Additional Major in Human-computer Interaction

QPA: 3.91, Dean's List High Honors

2018

Research

Graduate Research Assistant

Georgia Institute of Technology | Atlanta, GA

- Advised by Dr. Alex Endert

Current

Researcher, Meta-design Lab

Singapore University of Technology and Design | Singapore

- Studied the role of data visualizations in industry decision making
- Created a svelte visualization library for flexible, componentized data visualization

Aug 2018
- Aug 2019

UX Researcher, Learning Media Design Center

Carnegie Mellon University | Pittsburgh, PA

- Conducted user research to improve macroinvertebrates.org
- Created visualizations that model expert strategies when faced with uncertainty

Sep 2017
- May 2018

Research Intern, I²R

Agency for Science, Technology and Research | Singapore

- Combined data mining and machine learning to analyze Instagram posts in order to understand user interests from image data

May 2015
- Aug 2015

Teaching

Teaching Assistant, Fundamentals of Programming and CS

Carnegie Mellon University | Pittsburgh, PA

- 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

Aug 2015
- May 2016

Skills

- Python 2/3
- Javascript
- HTML + CSS
- d3
- Vue
- Adobe InDesign