Ashley G. Zhang

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EDUCATION

Peking University
B.S. in Intelligence Science   *2016.09-2021.07*

University of Michigan, Ann Arbor
Ph.D. in Information Science   *2021.09-present*
Advisor: Steve Oney

PUBLICATIONS / PREPRINTS

1. Mike Merrill, **Ashley G. Zhang** and Tim Althoff
   Mining Collective Data Science Knowledge from Code on the Web to Suggest Alternative Data Analysis Approaches
   KDD, 2021

2. **Ashley G. Zhang**, Mike Merrill*, Yang Liu, Jeffrey Heer, Tim Althof
   CORAL: COde RepresentAtion Learning with Weakly-Supervised Transformers for Analyzing Data Analysis
   arXiv preprint arXiv:2008.12828, 2020

EXPERIENCE

University of Michigan, Ann Arbor   MI, United States
Graduate student and researcher   *2021.09-present*
Advised by Prof. Steve Oney, University of Michigan, Ann Arbor
Designed and developed a tool to encourage knowledge sharing/exchanging among students and avoid cheating.(in progress)

University of Washington, Seattle   WA, United States
Remote visiting student   *2020.07-2021.023*
Advised by Prof. Amy X. Zhang, University of Washington, Seattle
Designed and developed a computational notebook branching tool to support data science collaboration.(in progress)

University of Washington, Seattle   WA, United States
Visiting student   *2019.09-2019.12*
Advised by Prof. Tim Althoff, University of Washington, Seattle
Built a mechine learning model to analyze data analysis behavior extracted from Jupyter Notebooks.
Worked on multiverse analysis to support robust data science through auto decision making and alternative decisions suggestion.

Peking University   Beijing, China
Researcher   *2020.09-2021.05*
Advised by Prof. Tao Xie, Peking University

OPEN-SOURCED PROJECTS

- CORAL: COde Representation Learning for Analyzing Data Analysis   *Autumn, 2019*
  https://github.com/behavioral-data/CORAL

COMPETETIONS

- 2nd Prize of ACM Competition, Peking University, 2017
- People's Choice Prize, Google Girls' Hackathon (as team leader), 2019