Felicia Zhang

ffyyyzzz.github.io
yz6@princeton.edu

EXPERIENCE

Data Scientist   November 2018 – Present
Center for Computational Law and Social Justice
- Work in a team of four to build a machine learning algorithm to predict value of settlement cases
- Use natural language processing to explore and analyze legal data

Data Scientist   June 2018 – Present
Mindprint Learning
- Work directly with Founder and CEO of Mindprint Learning in data driven decision making
- Implement supervised learning models to establish the relationship between company's product and standardized test scores
- Design intuitive visualizations of models for business presentations

Data Science Intern   April 2018 – October 2018
Princeton Area Community Foundation
- Cleaned and merged data from 10 years of NJ Department of Education School Performance records
- Implemented supervised learning models to identify important features that predict chronic absenteeism (i.e. students that chronically miss school) in Mercer County
- Presented findings to board members of the Princeton Area Community Foundation
- Designed report summarizing significant research findings, which will be used as baseline for a 5-year initiative in reducing chronic absenteeism

Graduate Student   September 2015 – Present
Princeton University
- Conduct original research (i.e. A/B testing) to investigate infant learning
- Implement variety of statistical procedures (e.g. correlation, t-tests, ANOVAs, resampling, bootstrapping methods) to analyze data
- Collaborate with graduate students and post-docs on projects
- Present research findings at international and local conferences
- Mentor undergraduate students working in the lab

PROFICENCIES

Technical skills: R, Python, SQL, MATLAB, Adobe Photoshop, Tableau

Experience: Statistics, A/B testing, supervised learning models, natural language processing, data visualization, eye tracking methodology, project management, mentorship, design

EDUCATION

Princeton University   2015 – 2020 (Expected)
Graduate Student (Ph.D) in Cognitive and Developmental Psychology

University of Toronto   2010 – 2014
Honors B.Sc. with High Distinction in Psychology Research Specialist Program