

STEPHANIE BAO

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EDUCATION

Carnegie Mellon University

B.S. in Statistics & Machine Learning
Additional major in HCI
Dec. 2018 | GPA: 3.44

SKILLS

Python
R
MySQL, PostgreSQL
HTML/CSS
Javascript

User Research
Rapid Prototyping
Sketch
Adobe InDesign
Adobe Illustrator
InVision
Balsamiq

COURSEWORK

05-410 User-Centered Research and Evaluation
05-430 Programming User Interfaces
05-650 Interaction Design Studio
51-261 Communication Design Fund.

10-601 Intro. to Machine Learning
15-122 Princ. of Imperative Comput.
05-434 Applied Machine Learning

36-402 Adv. Methods for Data Anlys.
36-462 Special Topics: Data Mining

ACTIVITIES

PHOENIX

Public Relations/Newsletter Chair
An interest group under CMU's Multicultural Greek Council looking to re-charter a sorority. Looking to create a supportive community of women with an emphasis on academics & culture.

EXPERIENCE

ClassInSight Project

Research Assistant
Created data visualizations to compare accuracy of manual coding of events. Aug 2017 - Present
Pittsburgh, PA

CMU Dept. of Statistics and Data Science

Teaching Assistant
Led weekly labs using Minitab that enforced statistical methods taught in class. Graded homework and exams. Aug 2016 - Dec 2017
Pittsburgh, PA

Center for Machine Learning and Health

User Research Intern
Designed a large-scale study to explore human perceptions of fairness, trust, and emotion regarding the human-in-the-loop scenario and algorithmic decisions. Created data cleansing scripts and ran statistical analyses. May - Sept 2017
Pittsburgh, PA

Ubiquitous Computing Lab

Research Assistant
Visualized and analyzed mobile data collected from Fitbit to determine significant features that measure and predict psychological resilience in university students. Jun - Sept 2017
Pittsburgh, PA

PROJECTS

Meaning Bee

Co-designing a learning game with middle school students in the Pittsburgh area. Working on UX research and design. Aug 2017 - Present

Visualizing Patient Data to Improve Cancer

BHCI Capstone Project. User Research Lead. Aug 2017 - Present
Working to create a dashboard visualization of patient generated data to improve pancreatic cancer readmission rates and improve the efficiency of patient visits.

MealExpress

Conducted user research to improve the campus dining experience. Aug - Dec 2017
Emphasis on creating both a technically feasible and physically implementable solution.

When Humans and Algorithms Work Together

When Humans and Algorithms Work Together: Understanding Perceptions of Human-in-the-Loop Algorithmic Decisions. Sept 2017
Co-authored research paper on the differences between how humans perceive algorithmic, human, or human-in-the-loop decisions.

Chat Based-Sentiment Analysis Extension for Twitch Streams

Designed chrome extension that generated visual representations of live data collected from Twitch and conducted sentiment analysis using AlchemyLanguage. Dec 2016