Stephanie Bao

sbao@andrew.cmu.edu
410.782.9760

EDUCATION

Carnegie Mellon University
B.S. in Statistics and Machine Learning
Additional major in HCI
Dec 2018 | GPA: 3.46

SKILLS

R
Python
MySQL, PostgreSQL
HTML/CSS
Javascript

User Research
Rapid Prototyping
A/B Testing
Sketch
Adobe Id, Il, Ps
InVision
Balsamiq

COURSEWORK

05-410 User-Centered Research & Eval.
05-430 Programming User Interfaces
05-650 Interaction Design Studio

10-601 Introduction to Machine Learning
15-351 Algorithms and Adv. Data Structs.

05-434 Applied Machine Learning
36-402 Adv. Methods for Data Analysis
36-462 Special Topics: Data Mining

EXPERIENCE

Product Management Intern
Verizon | Basking Ridge, NJ | Jun - Aug 2018
Conducted user tests and assisted in the re-design of internal product management tool to assess adoptability and prioritize user feedback. Developed strategic plan, with focus in incorporating machine learning, to implement risk model for 200+ business products in portfolio.

Quantitative User Research Intern
Ubiquitous Computing Lab | Pittsburgh, PA | Jun - Sept 2017
Visualized and analyzed mobile and survey data collected from 200 students to determine significant features that measure and predict psychological resilience.

Qualitative User Research Intern
Center for Machine Learning and Health | Pittsburgh, PA | May - Sept 2017
Designed a large-scale study to explore human perceptions of fairness, trust, and emotion regarding the human-in-the-loop scenario and algorithmic decisions using Qualtrics and Amazon MTurk.

PROJECTS

Improving Electronic Health Records (EHRs) / Care Pathways
Conducting user interviews with clinicians and patients to improve existing medical information systems to bridge the communication gap between patients and clinicians.

Can I Learn by Watching Others Play?
Facilitating and creating think-alouds and interview sessions to discover if students can learn introductory physics concepts by watching educational videos based off of Portal 2.

Patient Generated Health Data (BHCI Capstone)
Conducted user interviews and contextual inquiries with surgical care providers to design dashboard visualizations of patient generated data to improve the efficiency of patient visits.

MealExpress
Conducted user research (think-alouds, affinity diagrams, surveys, interviews) to improve the campus dining experience.