Yichen (Emma) Wang

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Education

Cornell University • Ithaca, NY   2018-2022
B.S. Information Science (GPA: 3.573/4.3)
Relevant Coursework
Human-Computer Interaction Design • Qualitative User Research and Design Methods • Designing Technology for Social Impact • Introduction to Machine Learning • Introduction to Data Science Object-Oriented Programming and Data Structures • Introduction to Computing Using Python

Research Experience

Undergraduate Researcher • Cornell University   Sep 2020 – Present
Advisor: Qian Yang | Designing-AI Lab
Project: Understanding the User Experience of Machine Generated Language
- Conducted literature review on privacy in HCI and creepiness
- Helped plan semi-structured interview questions

Project: Understanding the Data Tracking Practices of Pregnant Women
- Conducted pilot interviews and analyzed interview transcript/notes

CRA DREU Research Intern • Dartmouth College   Jun 2021 – Aug 2021
Advisor: Elizabeth Murnane | Empower Research Lab
- Using Python to query and process commonsense knowledge concepts and generate question-answer pairs from text for AISpy, an agent capable of playing "I Spy" games
- Designing strategies for incorporating user feedback and formulating output in a way that is valuable to children when the system fails

Teaching Experience

Undergraduate Teaching Assistant • Cornell CIS
INFO 3450: Human-Computer Interaction Design   Feb 2021– May 2021
- Mentored ~20 students on group projects, helped facilitate lecture and discussion section, graded assignments

INFO 1300: Introductory Design and Programming for the Web   Sep 2020 – Dec 2020
- Led lab section of ~60 students, held weekly office hours, graded assignments

Volunteer Experience

Splash Teacher • Cornell Splash   May 2021
How to Design an App Without Code
- Planned and led a workshop on Figma for ~15 high school students

Extracurricular Activities

Creative Computing at Cornell • Women in Computing at Cornell • Society of Asian Scientists and Engineers

Skills

Programming
Python • HTML • CSS • Java • PHP • SQL • jQuery/JavaScript
Applications
Figma • Fusion 360 • Arduino •Adobe XD • Balsamiq • Microsoft Office

Last updated: July 2021