

Yu Qi

Data-Driven User Experience
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EDUCATION

CORNELL UNIVERSITY

MPS in Information Science

Dec 2015 | Ithaca, NY

GPA: 3.89 / 4.3

UNIVERSITY OF MIAMI

BS in Mathematics & Psychology

May 2014 | Coral Gables, FL

Cum. GPA: 3.65 / 4.0

General Honors

SKILLS

RESEARCH & DESIGN

User Flow • Wireframing
Participatory D. • Ethnography
Diary Studies • Storyboarding
Competitive Analysis • Interview
Contextual Inquiry • A/B Test.
Usability Study • Heuristic Eval.
Affinity Diagram • Survey

TOOLS

Sketch App • Origami 2.0 (QC)
Photoshop • Illustrator • Axure
Balsamiq • InVision • Keynote
Git • SPSS • Excel • L^AT_EX

PROGRAMMING

HTML5 • CSS3 • PHP • R • Arduino
JavaScript (jQuery.js, D3.js) • Python

LANGUAGES

English • Chinese

COURSEWORK

Responsive Web Design
Visual Data Analytics for the Web
Health and Computation
Human-Computer Interaction
Cognitive Psychology
Social Computing
Human-Robot Interaction R&D
Human Perception: Application to
Computer Graphics
Statistical Methods
Probability Theory
Data Structure (C++)

ACTIVITIES

Peer Advisor - Cornell InfoSci
Designer - Random Hacks of Kindness
Vice Chair - LINK Volunteer Org.

EXPERIENCE

SOLUTIONSRESOURCE.COM | Freelance UX Designer

Dec 2015 – Feb 2016 | Seattle, WA

- Translated business insights/needs into workflows and product specs
- Created sketches, wireframes, and prototypes to iterate detailed designs

CORNELL UNIVERSITY | User Researcher

Sep 2014 – Dec 2015 | Ithaca, NY

- Led user research for various projects: User Interface, Assistive Technology, Social Media (principal investigator), Human-Robot Interaction
- Collaborated in cross-functional, multicultural, and dynamic teams
- Presented findings in conferences. Led team and client discussions

CORNELL UNIVERSITY | Teaching Assistant

Sep 2014 – Dec 2015 | Ithaca, NY

- Human-Computer Interaction Design* with Dr. Gilly Leshed
- Intro. Design and Programming for the Web* with Dr. Dan Cosley

UNIVERSITY COMMUNICATIONS | Web Developer

May 2010 – Dec 2013 | Coral Gables, FL

- Created and maintained university homepage, the university president's and university campaign websites (HTML, CSS, JavaScript; Ps, Ai, Dw)

MILLER SCHOOL OF MEDICINE | Research Intern

May 2012 – Dec 2012 | Miami, FL

- Collected and analyzed patients' (N≈150) data with clinicians (SPSS)

KEY PROJECTS

INTERACTION DESIGN LAB | NutriPhone Mobile App

Aug 2014 – July 2015 | Ithaca, NY

- Administered 27 in lab user testing sessions for evaluating mobile app interface designs. Led participant recruiting and developing test script
- Analyzed qualitative user feedback (using affinity diagrams) and transferred analysis result into actionable design recommendations
- Collaborated with graphic designer and developer on the project

ORGANIZATIONAL ROBOTICS LAB | Collaborative Robots

Mar 2015 – May 2015 | Ithaca, NY

- Conducted contextual inquiry, ethnographic observation in understanding users' needs, goals and constraints
- Brainstormed, designed, made critical design decisions, and presented innovative solutions using user-centered design approaches

DATA-DRIVEN WEB APPLICATIONS | Friends in High Places

Feb 2015 – Mar 2015 | Ithaca, NY

- Designed and coded an interactive data visualization map that depicts astronaut Cristoforetti's tweets with her space travel data (D3.js)

PUBLICATIONS

- [1] L. Reynolds, ..., Y. Qi, and G. Gay. "I mean, I'm not a doctor": Designing Interfaces for Interpreting Patient-Administered Medical Test Results. *Proceedings of MobileHCI 2016*, Under Review.