HUAYUN HUANG

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EDUCATION

Carnegie Mellon University

B.S. in Human-Computer interaction and Mathematical Science

Graduating May 2019

SKILLS

Python · JavaScript · NodeJS · HTML/ CSS · Bootstrap · Swift · Java · C · SQL

Adobe suite · Sketch

User researches · UI/UX design

Fluent Chinese

COURSEWORK

HCI

Interaction Design Studio I & II
Human Factors
Programming User Interfaces
User-Centered Research & Eval
Social Web
Cognitive Psychology
Social Psychology
"Twitch Plays" Game Design
Interaction Techniques

Mathematics

Discrete Math
Combinatorics
Algebraic Structure
Operations Research I
Linear Algebra
Probability
Real Analysis I & II
Numerical Linear Algebra

Computer Science

Functional Programming
Imperative Computing
CS Pedagogy
Machine Learning

EXPERIENCE

Eaton, Pittsburgh, PA

User Experience Intern (Summer 2018)
- User-studied, designed, iterated, and delivered, as lead designer, a human-machine touchscreen interface for a commercial light switch; final design was enthusiastically endorsed by the client.
- Built data visualization libraries for internal design language system.

User Experience Intern (Summer 2017)
- Conducted user studies; Storyboarded, designed, prototyped and implemented a team portfolio website on my own initiative.
- Learned agile management, design critiques, and interpersonal communications. Became adept with studio collaborative culture.

Carnegie Mellon University, Pittsburgh, PA

Research Assistant, Dependable System Lab, Computer Science Department (Spring 2016 - Summer 2017)
- Led a group to apply data science with machine learning to help diagnose balancing problems in recovery from orthopedic surgery.
- Reconstructed a stress-inducing software package for laboratory use; work was deployed for NSF research grant.
- Provided opinions from a designer's perspective, and learned to communicate with engineers.
- Consistently recommended by Professors.

LEADERSHIP

Chinese Wikipedia

Community Coordinator (February 2017 - Present)
- Host and Coordinator for the writing contests "WikiCups" and "Wikipedia Asian Month".
- Wrote two peer-reviewed, featured articles.
- Used design skills to provide guidance to newcomers.
- Earned the trust and confidence of the local community as an active contributor.

Ingress Pittsburgh, Pittsburgh, PA

Community Moderator (September 2014 - May 2016)
- Hosted and coordinated two global gaming events that attracted more than 1,000 people.
- Organized four local events for Ingress gamers to battle together.