

# HUAYUN HUANG

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## EDUCATION

### Carnegie Mellon University

B.S. in Human-Computer  
interaction and Mathematical  
Science (Aug 2014 - May 2019)

## LINKS

Portfolio: huayunh.github.io

## SKILLS

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

Adobe suite · Sketch

User researches · UI/UX design

Fluent Chinese · Agile

## 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

Data Science & Visualization

### Mathematics

Discrete Math

Combinatorics

Algebraic Structure

Linear Algebra

Probability

Numerical Linear Algebra

### Computer Science

Functional Programming

Imperative Computing

CS Pedagogy

Machine Learning

## EXPERIENCE

### DICK's Sporting Goods, Pittsburgh, PA

User Experience Designer - External Consultant (Spring 2019)

- User-studied and designed a platform for coaches to share their practices online.
- Final design was well-endorsed by coaches and DICK's Sporting Goods. The design deliverable was.

### Eaton, Pittsburgh, PA

User Experience Designer (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 Designer (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”, planned for contests that span across 56 languages.
- Earned the trust and confidence of the local community as an active contributor (10k+ edits).

### 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.