

# TUNG-YING HUANG

UX Designer  
Interactive Data Visualization Engineer

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## EDUCATION

### New York University

Sep 2019-present

Master of Science, Integrated Digital Media

- Exploring data visualization with interactive design, creative technologies, front-end development and UX design.

### National Taiwan University

Sep 2014-June 2018

Bachelor of Science, Psychology

- Focus on perception, HRI and UX research.

## EXPERIENCE

### Student Consultant of Data Service

March 2020-present

New York University

- Consult with Qualtrics survey design/administration.
- Lead Data Service instructional tutorials
- Prepare training document and explore other data softwares.

### Research Assistant

Sep 2018-June 2019

NTU AI-ROBO Center

- Research interests focus on Human-Robot Interaction to develop comforting robot for sick child
- Attended and presented in conferences and symposiums
- Reviewed IRB(institutional review board) of every experiment
- Managed lab website and recruited participants
- As a teaching assistant of AI & psychology seminar

### UX/UI intern

July 2018-Sep 2018

Chicony Electronics CO.

- Designed an intelligent shopping helper and created product
- Created personas and conducted product POC (Proof of Concept)
- Designed and created product User interface prototype
- Performed and analyzed user investigation including interview target audience and field observation

### Part-time Research Assistant

June 2018-July 2019

Taiwan Ministry of Science and Technology

- Interpreted data to actionable insights and explained the results.
- Focused on quantitative data analysis.

### HR Intern

July 2017-Sep 2017

Bureau Veritas

- Organized staff training and hosted the orientation
- Recruited about 10 valid employees in two months

## ACHIEVEMENTS

### IDM Scholarship, 2019-2020

### Lab Representative Speaker, 2019

Center for Nation-Wide Cooperative Research on ICT RIEC Annual Meeting on Cooperative Research Projects.

### Conference publication, 2019

Wu, Y. J., Tsai, C. T., Huang, T. Y., Liu, Y. Z. (2019) The use of data driven-learning in legal vocabulary learning of international law. EuroCALL 2019: CALL and complexity. 2019. Publication

## SKILLS

UX research and design

Front-end development

Data analysis and visualization

Graphic design

## TOOLS

### Visual and UX/UI design

- Adobe Photoshop/Illustrator/XD
- Sketch/ InVision/ Figma
- proto.io
- Miro

### Data analysis and visualization

- Qualtrics/Survey123
- SPSS/R/SAS
- Tableau/D3.js

### Front-end development

- HTML5
- CSS
- JavaScript/ P5.js/D3.js

### Language

- Mandarin (native)
- Japanese (intermediate)