

# YANGJIAN WANG

## CONTACTS

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## EDUCATION

Carnegie Mellon University  
2022  
Bachelor of Architecture  
Second major in Human  
Computer Interaction

## SKILLS

### SOFTWARES

AutoCAD  
Adobe Suite  
Climate consultant  
Figma  
Grasshopper  
Rhinceros  
SketchUp  
V-Ray  
Key shot  
Enscape

### FABRICATION

CNC Router  
Laser Cutting  
3-D Printing  
Wood Shop

### PROGRAMMING

PYTHON  
C  
CSS  
HTML

### LANGUAGE

English  
Mandarin  
Basic Japanese

## HONORS

College of Fine Arts Dean's List

## EXPERIENCE

### InvolveMINT | Communication Designer

Pittsburgh, PA | May 2020 to Sep 2020

Settled various design elements for the company  
Completed multiple communication diagrams and designs

### Carnegie Museum of Natural History | Learning Experience Designer

Pittsburgh, PA | Jan 2020 to May 2020

Created educational exhibition for "Welcome to the Anthropocene"  
Conducted User Research and user testing in multiple stages of design  
Consulted multiple field experts on the topic and invited them to play test

### China Architecture Design & Research Group | Intern

Beijing, China | Jun 2019 to Sep 2019

Interned in CADRI and joined Wanda Amusement Park Project  
Facilitated in AutoCAD construction drawings of project plans and sections  
Participated in Rhino model manipulation of the project

## RESEARCH

### User Centered Research and Evaluation for KST Theatre Website Experience

Communicated with current KST owner for current and future state model  
Researched on various competitors and conducted user research to  
understand the potential solutions for improvement  
Utilized various research methods including affinity diagramming, journey  
mapping, interviewing, etc.

### Research & Design of Traditional Chinese Wood Joints

Researched over 45 Ming Dynasty Chinese wood joints  
Studied multiple structures applied in wood joints  
Designed a new six-side wood joint using SketchUp and 3-D printing

## PROJECTS

### Call for Proposal Website Redesign

Carnegie Mellon University | Sep 2020 to Oct 2020

Evaluated existing "Shall Make Shall Be: call for proposal" website  
Redesigned website with better information architecture  
Created visual elements related to the Content