SHAN WANG

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Carnegie Mellon University
5000 Forbes Avenue
SMC 3524
Pittsburgh, PA 1529

SKILLS

Rhinoceros + Grasshopper

Vray Render

Revit

Photoshop

Illustrator

InDesgin

Lightroom

AfterEffects

AutoCAD

SketchUp

ABB Robotic Fabrication

3D Printing

Laser-cutting

CNC

Casting + Mold making

Perspective Drawing

Drafting

Watercolor

Python

Processing

JavaScript

HTML

LANGUAGE

Mandarin

English

Taiwanese

Cantonese

INTERESTS

Ceramics

Photography

Acapella Singing

Guitar & Piano

EDUCATION

Carnegie Mellon University Pittsburgh, PA

Pursuing Bachelor of Architecture
with additional major in Human Computer Interaction may 2020

RELEVANT EXPERIENCE

BLTarchitects Student Design Charrette Philadelphia, PA

Competition Winner spring 2018

Competed with student teams from high profile universities to conceptualize mixed-use development project in 6 hours, and interviewed by Philadelphia Magazine

IoT Ecosystems for Tunxis Golf Club Pittsburgh, PA

Team Lead oct 2017 to present

Led the group to design interactive ecosystem of networked devices that integrates golf cart tracking and RFID sensing to provide valuable pace of play information for better on-course experience and efficient management for client's country club

Latham Street Common (LSC) Research Project Pittsburgh, PA

Independent Research Lead sep 2017 to present

Working with Professor Jodi Forlizzi to design services strategies and navigation sign prototypes to facilitate communication between the community and LSC

Introduction to Digital & Analog Media Pittsburgh, PA

Teaching Assistant aug 2017 to present

Taught students about digital and hybrid work flows, ways to leverage digital design tools as part of the process to quickly iterate on projects, and how to create compelling presentation materials

Introduction to Computing for Creative Practice Pittsburgh, PA

Teaching Assistant aug 2017 to present

Taught students fundamental coding skills in p5.js, coordinated and led recitations for groups of 20 students and helped with weekly creative projects

FisherARCHitect Pittsburgh, PA

Architectural Intern summer 2017

Developed computational models using Grasshopper for Rhino that enabled the studio to explore a range of simulation and possible design solutions; test a variety of design options in preparation for competition entry

LEADERSHIP

AIAS Northeast QUAD Conference Pittsburgh, PA

Sustainability Track Chair spring 2016

Planned and organized a regional conference with 500+ attendees from over 20 universities in northeast coast

School of Architecture Student Advisory Council Pittsburgh, PA

Student Representative of Class of 2020 2015-2016

Elected by peers to be one of the three students to represent the class to advocate for our needs with the faculties and administration in school of architecture

HONORS:

CMU School of Architecture Studio Design Commendation fall 2015, spring 2017

CMU College of Fine Arts Dean's List all semesters

CMU School of Architecture School Honors all semesters

National Silver Medal in Scholastic Art & Writing Awards spring 2015