

pjzhu4@gmail.com  
412-951-8923  
www.pjzhu.com

# Paggy Zhu

## Education

B.A. in Architecture, Carnegie Mellon University  
minor in Media Design,  
minor in Architectural Visualization

## Accreditation

LEED Green Associate

## Experience

**Junior Architect, Twine Architectural Studio** Oct 2019 - present, New York City

Created construction documents and design proposals for healthcare projects in the state of New York, clients include Northwell Health. Responsible for AutoCAD and Revit transition and development, coordination with clients and engineers.

**Intern, Architectural Design & Research Institute of SCUT** Summer 2018, Guangzhou

Part of the architectural design team under He Jingtang, for the project proposal of East Haikou Redevelopment Plan. Mainly involved with research, planning scheme graphics, and block design.

**Architecture Intern, McKean Architecture** Summer 2017, New York City

Created design proposals, construction documents, and graphic representation for city planning inspection, conducted on-site surveys and communication with contractors. Mainly involved with residential projects in the state of New York.

**Teaching Assistant, 62-225 Generative Modeling** Fall 2016, Fall 2018, Pittsburgh

Held weekly recitations session and office hours on algorithmic thinking, advanced 3D modeling in Grasshopper and Python application in Rhinoceros with a focus on rhinoscript library. Generated quizzes and managed grading with a team of 4.

## Built Projects

**AquaPavilion** 2016-2017, MLK Community Garden by Grow Pittsburgh, Pittsburgh PA

Parametric schematic design, construction documents and custom fabrication for local non-profit organization. In collaboration with a team of 12 students and 1 professor.

**Love's Labors Interactive Experience** Fall 2017, 12 weeks, Pittsburgh PA

Interactive exhibition for a play focusing on WWI history, from concept generation to realization. Visual designer and structural consultant responsible for graphics promotional material, structural planning and construction in an interdisciplinary team of 8.

## Affiliations

AIAS, 2014-2017

Media Manager, CMU Ballroom Dance Club, 2015-2017

Design and manage club website, digital media curation and archive, videographer and photographer

## Visualization

Revit  
AutoCAD  
Rhinoceros  
MicroStation  
Grasshopper  
Photoshop  
Illustrator  
InDesign  
AfterEffects  
3DS MAX  
Unity

## Computing

Python  
C#  
Html5/CSS3  
Arduino  
TouchDesigner

## Fabrication

Laser Cutting  
CNC Machining  
3D Printing  
Wood Working

## Course work

Advanced CAD, BIM  
and Visualization

Responsive Mobile  
Environments

Spatial Data in Urban  
Design

Reactive Space and  
Media Architecture

Real Estate Design &  
Development