



ALEX LIN

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Education

Carnegie Mellon University
Bachelor of Architecture
Intelligent Environments Minor
Pittsburgh, PA / May 2020

Shanghai International Studies
University (Hongkou Campus)
Study Abroad
Shanghai, CN / Summer 2017

Awards

College of Fine Arts Dean's List
2015 - Present
SoA School Honors
2015 - Present
Deller Prize in Sustainable
Architecture and Real Estate
2019

Skills

Digital

Rhinoceros 3D
Adobe Suite
Microsoft Suite
Grasshopper
DIVA
V-Ray
AutoCAD
Revit
ArcGIS
Photogrammetry
Flow Design
Javascript | Java | C++ | Python
Bluebeam

Fabrication

Laser Cutting
CNC Routing
3D Printing
RhinoCAM
RobotStudio/HAL

Analog

Model Building
Hand Drawing & Sketching
Origami

Languages

Conversational Mandarin
Conversational Spanish

Goals

To learn and gain experience in architectural, sustainable, urban, and public interest design in an environment that fosters creativity, facilitates interdisciplinary collaboration, and advocates for change through design work and thinking.

Experience

Research Designer | Urban Design Build Studio

Pittsburgh, PA / September 2018 - August 2019

- Collaborated with interdisciplinary team to design anti-gentrification housing prototype that aims to stabilize existing residents in East Liberty
- Deconstructed building on campus, prototyped deconstruction documentation format, and analyzed material yield of project
- Developed building details by sketching, drafting, and prototyping
- Produced construction document set using AutoCAD
- Interacted with network of stakeholders to inform design decisions

Blair E. Phillips Scholar (Intern) | Perkins Eastman Architects

Washington, D.C. / June 2018 - August 2018

- Surveyed and modeled existing high school building using Revit
- Produced schematic design concepts for high school renovation
- Documented design and performance of school for LEED certification

Teaching Assistant | Carnegie Mellon University

Pittsburgh, PA / 2018 - Present

- Real Estate Finance Investment & Analysis | Structures/Statics

Assistant Manager | First Choice Stainless Steel

Queens, NY / May 2015 - Present

- Consult and advise clients by referencing precedents and sketching
- Generate drawings using Rhino and Illustrator to communicate with clients
- Support fabrication of stainless steel products and installations on-site

Summer Intern | Hansa Building Engineering Services

Queens, NY / May 2016 - August 2016

- Broadened cognizance of building code by completing regulatory filings
- Generated drawing set for new two-family residential building

Activities

2019-2020 Director | Carnegie Mellon University Freedom By Design

Pittsburgh, PA / Member since 2017

- Researched weatherization products and designed weather-proofing kit for low-income families in Pittsburgh with interdisciplinary team
- Distributed weatherization kits and demonstrated how to use weatherization products to low-income families in Pittsburgh community

Choreographer & Actor | One Night in Beijing Cultural Performance

Pittsburgh, PA / 2015 - 2018

- Choreographed martial arts performances and acted main/supporting roles
- Discussed and iterated through versions of story and script