

# AMANDA M. AI, LEED GA

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## EDUCATION

### UNIVERSITY OF PENNSYLVANIA, Weitzman School of Design

Philadelphia, PA

#### Master of Architecture

Expected May 2021

#### Certificates in Wharton Real Estate Design and Development & Urban Resilience

- Wharton Courseworks: Real Estate Law; Real Estate Investments & Finance; Real Estate Development; Energy Markets & Policy
- Honors: University of Pennsylvania Merit-Based Scholarship 2018-2021; Penn Museum Pavilion Exhibition selected participant.
- Involvement: Wharton Zell-Lurie Real Estate Club, PennDesign Women in Design PR & Social Media Marketing

### UNIVERSITY OF MICHIGAN- ANN ARBOR, Taubman College of Architecture and Urban Planning

Ann Arbor, MI

#### Bachelor of Science in Architecture

May 2016

- Honors: Taubman College Wallenberg final studio competition Finalist; Annual Student Show Exhibition selected participant; University Honors 2015-2016

## WORK EXPERIENCES

### BLT Architects

Philadelphia, PA

#### Full Time Design Staff (Externship)

Winter 2021

- Produced and updated sets of Revit drawings for Schematic Design (SD), calculated required program areas with Excel Sheets.
- Designed massing options for SD proposal based on sketches in Rhino.
- Developed complete site models and informations for student competition that the firm holds each year in Rhino.

### OPEN Architecture

Beijing, China

#### Intern Architect

Summer 2019

- Drafted CAD DD drawing sets of K11 Beijing. Contributed on a 6500 sqft of Floor plans with fixtures & RCPs of Lobby and Gallery.
- Wrote Grasshopper scripts that saved modeling time between iterations. Modeled in T-spline Rhino from sketch and clay model.
- Conducted lighting performance research, designed correspondingly to achieve the best indoor visual effect.
- Contacted and examined various suppliers for transparent concrete, operable shutters. Arranged performance tests for these materials.

### Studio ATAH

Shanghai, China

#### Junior Architect

2017- 2018

- Provided design production sets of China Nanjing City Design and Planning Development project.
- Designed interior renovation of a 8000 sqft Mahle Behr Shanghai Office. Participated in construction process.
- Created competition proposal sets for China Zhuhai City New District Massive Development site (2.5 acres).
- Communicated with clients bilingually. Distributed tasks with local construction and rendering firms.

### University of Michigan Taubman College of Architecture and Urban Planning

Ann Arbor, MI

#### Full Time Research Assistant

2016 - 2017

- Generated standards for visual drawing representation style for Active Classroom plan and axon configurations.
- Developed 3D models using TSpline Rhino, and transformed physical foam study models into designed inhabitable spaces.
- Provided conceptual school design in Rhino, created drawings for publications and presentations.
- Co-authored on publication: Vance, U., Hasson, R. Stockdill, D. Ransier, B., Curry, M., Locke, C., Maj, C., Ai, M., Tran, Y. (2017) A Field Guide to Physical Activity in Schools. Pending publication on the applicability of physical activity in generating school designs.

### ArchDaily

Remote

#### Part Time Translator

2018

- Translated time-sensitive architectural news, projects, and editorial articles weekly; 20,000 words in total during intern period.

## ACADEMIC EXPERIENCE

### Master Student at Weitzman School of Design

2018-Present

- Devoted two design studios focused on climate change. Familiarized with ArcGIS and related research.
- Gain experience and knowledge in urban design, landscape design, and social community aspect in design.
- Attended four design studios that intensively focused on modeling with controlled curves and geometries using Rhino.
- Completed projects and cases in Real Estate about REITs, design and development process, project management/delivery methods.
- Achieved proficiency in Microsoft Excel.

## SKILLS

**3D Modeling:** Rhinoceros 7 (Grasshopper, V-ray), 3D printing, SketchUp, Maya, Z-Brush

**BIM:** Revit, AutoCAD

**Graphics:** Adobe Photoshop, InDesign, Illustrator, Premiere, ArcGIS, Microsoft Excel

**Language:** Native in Chinese Mandarin; Bilingual in English, proficiency in client meeting translations