

MEILAN “ALEXANDRA” WANG

PROFILE

A motivated and responsible fifth year student currently completing a MS and a BArch degree at Carnegie Mellon University. Have interests and background in architectural design and a minor in Architectural History. Pursuing an accelerated master's degree in Building Performance and Diagnostics, seeking architecture and design related work for the summer of 2025.

CARNEGIE MELLON UNIVERSITY — MASTER OF SCIENCE, 2024 – 2026

CARNEGIE MELLON UNIVERSITY — BACHEOR OF ARCHITECTURE, 2020 - 2025, GPA: 3.9

- **Courses:** System Integration, Architectural History, Drawing, Material Assembly, Building Physics, Computational Design, Cultural Studies, Philosophy, Geology, Urbanism, Building Performance, Design Fabrication, Design Build, Architectural Detailing
 - **Involvements:** NOMAS, AIAS
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WORK EXPERIENCE — 2022- 2025

- **Wiss, Janney, Elstner Associates, Inc. : Architecture Summer Intern – Philadelphia, 2024:**
 - Conducted on-site assessments of new and historic buildings, utilizing investigative methods like material sampling and non-destructive testing. Supported repair and restoration consultations through detailed documentation and condition analysis. Coordinate meetings and communications with clients throughout all phases of construction, including before, during, and after project completion.
 - Performed research to address structural and aesthetic challenges for long-term building performance. Gained interdisciplinary experience in preservation, engineering, and architecture.
- **HNI Workplace Furnishings, LLC. (HON & ALLSTEEL): Interior/Architectural Summer Intern – Muscatine, 2023:**
 - Designed interior and space schematics tailored to workplace strategies and client needs. Researched design trends and workplace dynamics to inform innovative solutions. Collaborated with cross-disciplinary teams to develop cohesive design concepts, such as Trauma Informed Design and Active Workplace for educational and office spaces.
 - Conducted on-site visits and attended conventions to explore furniture systems and material integration. Enhanced understanding of workplace design, focusing on Human-centric, productive spaces.
- **Teaching Assistant: Architectural History; Urbanism; Drawing II, Pre-College Studio - CMU 2022-25:**
 - Prepared course materials and graded assignments, ensuring clarity and technical rigor. Curated student work exhibitions, highlighting architectural ideas and techniques.
 - Mentored students in architectural drawing, focusing on precision, composition, and storytelling. Collaborated with faculty and students, enhancing communication and teamwork skills.

ARCHITECTURE PROJECTS — 2020-2024

- **Two Point One Million Cormorants - 2024:**
 - individual project, exploring histories and cultural consumption of natural resources in our built environments through research and critical design on cormorant fishing practices, with hand drawings and interactive models.
 - **STEAM Center of Learning - 2023:**
 - Group project, using the theme of water and growth, this K-5 early education school acts as a bridge seeks to revitalize the area by offering opportunities for community engagement. Explore steel structure, enclosure, and MEP designs.
 - **Spring Carnival Bamboo Pavilion Design-Build - 2023:**
 - NOMAS team project, two semesters follow through from design to final unveiling, gained design & construction experience.
 - **Upham's Corner Library - 2023:**
 - Individual studio project, creating library as public space and point of activation for the community, exploring structure with hybrid mass timber and steel construction, façade design using Rhino and Climate Studio.
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SKILLS

- Research, Analytical, Creative and Critical thinking
- Machining experience: Laser Cutting, 3D Printing, CNC, Woodworking
- Architectural Drawing, Iterative Design, and History
- Adobe Photoshop, Illustrator, InDesign, Acrobat
- Software: Rhinoceros; Python; Revit; Miro, GIS
- English & Chinese: proficient, French: intermediate

AWARDS

- Bill Hill Scholarship (2024) - Carnegie Mellon University
- Nominated for 2018-19 Independence Awards for creative effects - State, Regional
- Nominated creativity-Artistry Award of 2018-19 Greater Philadelphia Cappies - State, Regional
- Invited to American Astronomical Society (AAS) meeting in Hawaii (Jan 2020) -International

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