

Sparsha Reddy Kotha

LEED Green Associate • sparshak@andrew.cmu.edu • (206) 234-5261 • [LinkedIn](#)

Master of Architecture candidate with a focus on sustainable design, community-driven projects, and urban integration. Experienced in applying advanced design tools and practices to create thoughtful, resilient spaces that benefit both people and the environment.

Experience

ARCHITECTURE INTERN | **Jacobs, Portland, OR**

JUNE 2022 – JUNE 2023

- Collaborated with senior designers to model and produce drawings and sketches using Revit and other design software, applying global design criteria to meet diverse client needs.
- Ensured compliance with local building codes by researching and incorporating relevant regulations into the design process.
- Assisted with the development of detailed drawings for construction documents.
- Researched and issued appropriate interior finish materials, prioritizing functionality and sustainability.
- Self-checked work, managed redlines, and coordinated with various disciplines to resolve design and related issues.
- Contributed to achieving LEED certification for four buildings by managing documentation and independently compiling technical support documents.

TEACHING ASSISTANT | **M. Arch Praxis II, Matthew Huber**

JANUARY 2025 – MAY 2025

- Assist in the delivery of a complex, comprehensive design studio with 28 students, focusing on advanced building performance.
- Provide guidance to students on Life Cycle Assessment, daylighting performance, and energy simulation tools.
- Collaborate with instructors during desk crits and reviews to guide students in refining their architectural concepts.
- Support class logistics, grade select assignments, and troubleshoot issues related to performance simulations.

TEACHING ASSISTANT | **Generative Modeling, Joshua Bard**

AUGUST 2024 – DECEMBER 2024

- Guided a group of 15 students through parametric modeling and scripting in Grasshopper and GHPython, offering in-class support and addressing technical questions.
- Held weekly office hours to help students with coursework, troubleshooting, and refining their technical skills in Grasshopper and Python.
- Assisted with grading assignments, offering feedback on student work and helping to improve their modeling and scripting skills.

RESEARCH ASSISTANT | **Contestations of Modernity, Sarosh Anklesaria**

MAY 2024 – AUGUST 2024

- Assisted in the development and compilation of a comprehensive bibliography for each chapter, contributing to Anklesaria's forthcoming book.
- Engaged in critical discourse on the role of architecture in nation-building, museum programming, and heritage conservation, with a focus on alternative and liberatory futures.
- Transcribed lecture recordings that are to serve as foundational material for a scholarly article to be published in The Plan Journal, authored by Sarosh Anklesaria.

Software & Skills

Revit, Rhinoceros, AutoCAD • Enscape, Vray, Lumion • Grasshopper, Ladybug • One Click LCA • Climate Studio, Climate Consultant, Energy Plus • Adobe Suite: Photoshop, Illustrator, InDesign • Kangaroo, Karamba

Energy simulation & optimization, Lifecycle analysis, LEED documentation, Parametric design, Resilient building strategies, Structural optimization, Narrative storytelling, Modelmaking, Woodshop, Laser cutting, 3D printing, CNC routing

Education

MASTER OF ARCHITECTURE | MAY 2025

Carnegie Mellon University, Pittsburgh, PA

3.9 QPA

BACHELOR OF ARTS IN ARCHITECTURE | JUNE 2023

University of Washington, Seattle, WA

Minor in Real Estate