Shahzadi Padda
Architectural Designer

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I am passionate about designing community spaces and civic centers, with a focus on sustainable practices, materiality, and biome response. I look forward to broaden my understanding of these disciplines and integrating them into my future endeavors.

Education

Carnegie Mellon University
Bachelors of Architecture (B. Arch)
Environmental and Sustainable Studies
August 2021 - Present

Easton Area High School
High School Diploma
August 2017 - June 2021

Experience

Research Assistant - Computational Design
Dr. Vernelle A. A. Noel - Carnegie Mellon University
Fall 2024 - Spring 2025
  - the design and construction of 3D primitive shapes using craft methods from traditional Trinbagonian wire-bending
  - understanding relationships in workflow between digital fabrication, computational design, and physical craft
  - exploring complex forms through automated methods using Grasshopper, Rhino, and Python

Architectural Intern
LLI Engineering - Pittsburgh, PA
May 2024 - August 2024
  - completed drawing sets and submitted legal documentation for live projects
  - engaged in client/design meetings
  - conducted on-site evaluations and completed related field work
  - interdisciplinary practice with Structural and MEP departments

Architectural Intern
Architecture Plus Information - New York, NY
June 2023 - August 2023
  - completed detail drawings for live projects
  - attended formal client meetings
  - designed office floor for example fitplanning purposes
  - visited live construction sites for related work
  - consulted on & developed renderings for clients

Notable Projects

Fire Station No. 3 - Strip District Borough
Studio Instructor: Niloufar Alenjery | Fall 2024
  - emphasizing the fire station as a beacon of community center and space of critial service
  - disciplinary integration; architectural, structural, MEP, and landscape design
  - integrated raingarden and stormwater collection

Community Pages - Boston Public Library
Studio Instructor: Jeff King | Spring 2024
  - mass timber building in structure and design
  - library as a stage for cultural, social, and educational events
  - louvered facade: privacy, shading, spatial definition

NOMAS Spring Carnival Pavilion
Carnegie Mellon University | Spring 2023 & 2024
  - Design & Fabrication of structure
  - Building, installation, and disassembling of pavilion

Adaptable Dwelling - Mobile Home Design
Studio Instructor: Jared Abraham | Spring 2023
  - Transitional home design for existing vacant plots
  - Modular assembly for flexible and custom configurations

Featured In

MAPS Scholar - 2023 & 2024 Awardee
Minority Architects of Pittsburgh Scholarship

Exchange - Spring 2023
Carnegie Mellon University - School of Architecture

"A Second Home" - 2022
The Mattress Factory - Pittsburgh, PA

Skills

- Adobe Creative Suite
- Rhino & Grasshopper
- **Autodesk:** Inventor, Revit, AutoCAD
- **Rendering:** Keyshot & Lumion

- Physical model making
- Carpentry/Woodworking
- **Languages:** English, Spanish (fluent)