Samhita Shyam

469-525-2162 | samhitas@andrew.cmu.edu | LinkedIn - Samhita Shyam

EDUCATION

Carnegie Mellon University – School of Architecture   Pittsburgh, PA
Master of Science in Architecture-Engineering Construction Management *GPA - 4.19/4*   December 2025
Received 25% merit scholarship for academic excellence.
Relevant Coursework: Project Management for Construction, Protean Systems (Building Resilience and Sustainability), Real Estate Development, Transdisciplinary thinking

BMS College Of Architecture   Bangalore, India
Bachelor of Architecture   May 2024
Relevant Coursework: Architectural Design, Construction Project Management, Materials and Methods of Building Construction, Building Structures

PROFESSIONAL EXPERIENCE

Carnegie Mellon University   Pittsburgh, USA
Research Assistant in Sustainability and Life Cycle Assessment   August 2024
- Worked on sustainable interior finishes, contributing to research on biobased materials and their environmental impact.
- Developed and managed comprehensive databases for sustainable materials, facilitating advanced analysis and research in sustainable design practices.
- Collaborated with cross-functional research teams to explore and document the various effects of sustainable materials on interior environments, driving innovation in green building strategies.

Balan and Nambisan Architects   Bangalore, India
Architect Intern   January 2024-May 2024
- Contributed to diverse design projects in residential, commercial, and F&B sectors.
- Designed integral components of a 4 storied high-end bar with a budget of $500,000 and an area of 10,000 sq ft, including material selection and finishes.
- Developed and rendered detailed interior designs, customized carpentry shop drawings, compound walls, structural detailing, and landscape plans for residential properties.
- Assisted in drafting reflected ceiling plans, flooring layouts, and furniture layout iterations for a built up area of 12,000 sq ft.
- Engaged in ideation, conceptualization, zoning, presentations, and planning for an innovative experience store.

Design Saints   Bangalore, India
Summer Intern   March 2022 - May 2022
- Collaborated with a team of architects and contributed to the design phase of 2 residential projects.
- Gained hands-on experience via on site visits, working with vendors and contractors, communicating with clients and understanding the practical aspects of architectural implementation.

Dystopia   Bangalore, India
Core Team Lead   July 2022 - July 2024
- Conceptualized and implemented the Student Outreach Program, successfully launching it in a school.
- Assisted in fundraising to support different on site operations; overall management of all the teams.
Social Media Manager   May 2021 - July 2022
- Curated and designed social media posts related to Animal protection, Animal abuse and Veganism.
- Contributed to the development and implementation of strategic social media campaigns.

AWARDS

- Attended The Harvard Project of International and Asian Relations (2024) conducted by Harvard University, MA and had the chance to work on an impact challenge in a stipulated time with professionals gaining valuable insights and growing new connections.
- Finalist in the Solar Decathlon (2022-23) conducted by IUSSTF, AEEE, IIHS in the community resilience shelter division. Our work involved creating a community based solution for the people of a rural village in India for the undocumented floods that they face every year.
- Volunteered in 3 NGO's (2019-23) - Advocated accessibility in public spaces for differently-abled individuals and promoted gender sensitization, contributing to a more inclusive community. Empowered youth through holistic education initiatives, enhancing digital literacy, communication skills, and community well-being.
- Participated in the Annual NASA Design competitions conducted by National Association of Students of Architecture for two consecutive years (2020, 2021) and finished in the top 50 amongst 500+ teams.

ADDITIONAL

Design Softwares: Autodesk Autocad, Google Sketchup, Autodesk Revit, Adobe Suite, Procreate, Microsoft Office, Microsoft Project
Certification: Authorized Architect's License - Council of Architecture, India, Construction Project Management by Columbia University
Work Eligibility: Eligible to work for any employer in the U.S. with no restrictions. (No sponsorship required)