

EDUCATION

Carnegie Mellon University , Pittsburgh, PA
MS in Architecture Engineering Construction Management

GPA: 3.92
December 2019 (Expected)

Jadavpur University, Kolkata, India
B. Architecture

GPA: 8.64/10
June 2018

RELEVANT COURSEWORK

- Project Management for Construction
- Engineering Economics
- Infrastructure Management

PROJECTS

Fall 2018
Carnegie Mellon University

Bidding Proposal

August '18-December'18

Course: *Project Management for Construction*

- Participated in the bidding process of for a one storey building housing a laboratory
- Prepared a work breakdown structure and schedule for the work

Developmental proposal for Pittsburgh Playhouse-

August '18-December'18

Course: *Real Estate Design and Development*

- Presented proposal for alternative use of Pittsburgh playhouse which is was a cultural landmark of the city but has been left vacant for a long period of time.
- Analysed the financial viability of the proposal

Value evaluation of Elbphilharmonie in Hamburg, Germany.

August '18-December'18

Course: *Value Based Design*

- Analysed the tangible and intangible value added by the design features to the building
- Analysed the impact of the building on the local economy

RELEVANT EXPERIENCE

Jaisim-FountainHead (Architects, Planners, Engineers, and Ecologists)- Bangalore, India

June '16-December'16

Architectural Intern

- Made various drawings, drafting, models, Bill Of Quantities, handled site supervision and work execution
- Managed communications between clients, vendors, and contractors for successful execution of said projects

Shapoorji Pallonji Co. Ltd Design & Build

June'15-July'15

Summer Intern

- Member of the team that designed and executed construction of the 17 Government aided Hospitals in West Bengal, India.
- Learnt about the practical and managerial aspects of large construction projects

Writers Building renovation project (Undertaken by Jadavpur University)

June'14-July'14

Summer Intern

- Worked on renovation of the 300 year old Writers Building(Secretariat Building) in Kolkata.
- Identified the damaged bricks in building based on the extent of its damage and proposed solutions to replace these bricks without affecting the whole structure.

WORKSHOPS

- Project management softwares: primavera and MSP at National Institute of Construction Management and Research, Pune, India. November'17
- Workshop on Arches, Vaults and Domes at Auroville Earth Institute(AEI) UNESCO Chair Earthen Architecture. May'15
- Towards a Green Habitat: Based on Laurie Baker's Philosophy and Approach at Laurie Baker Centre for Habitat Studies (LBC), in partnership with Centre Of Science and Technology for Rural Development (COSTFORD),Thiruvananthapuram May'14

ACTIVITY

- Research Assistant, Carnegie Mellon University** - Campus Energy, Emissions & Water Plan Research under Professor Nina Baird
- Teaching Assistant, Carnegie Mellon University**- Assistant instructor at the Centre for Architectural Explorations

SKILLS

- Autocad
- Indesign
- Tableau
- Microsoft Word
- Microsoft Excel
- Microsoft Powerpoint
- MS Projects
- GIS
- Revit
- Design Builder
- Adobe Photoshop
- Adobe Illustrator