

Leila Srinivasan

Carnegie Mellon University | Building Performance and Diagnostics
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Software skills

Rhino + Grasshopper + Ladybug
Design Builder + Energy Plus
eQuest
Diva
ArcGIS Pro
REVIT + AutoCAD
InDesign + Photoshop
Sketch Up
Python

Courses and workshops

University of Cape Town - Climate Change Mitigation in Developing Countries: Coursera | 2018
University of Geneva - Ecosystem Services: Coursera | 2018
Fair Conditioning Workshop | 2017
University of Illinois, Urbana Champaign - Introduction to Sustainability: Coursera | 2017
Vimal Jain Memorial Workshop on Appropriating Urban Space | 2014
University of Pennsylvania - Designing Cities: Coursera | 2013

Education

Master of Science in Building Performance and Diagnostics | 2018-2020

Carnegie Mellon University, Pittsburgh

CQPA: 3.73/4.00 | Partial scholarship awarded by CMU

Building Performance and Modelling | Analysis and reduction of building energy loads through iterative modeling using REVIT CEA, Design Builder and eQuest

Health, Productivity and Quality of Buildings | Estimation of the value added through investments in high performance building systems.

LEED, Green Design and Building Rating in a Global | Study of the credits in rating systems such as LEED and BREEAM for alternative contexts.

Mechanical and Electrical Systems Design for Buildings | Conducted a building audit of Hunt library's MEP systems.

Ongoing spring semester courses:

BIM for Engineering, Construction and Facility Management | GIS/CAFM - Spatial Analysis in Infrastructure Planning | Performance of Advanced Building Systems | Environment Performance simulation

Bachelor of Architecture | 2012-2017 | RV College of Architecture, Bangalore

CGPA: 8.29/10.00 | Overall Rank: 3rd Rank

Experience

Research Assistant | CMU | September 2018 – Ongoing

Guide: Dr. Nina Baird

Analysis and comparison of campus sustainability plans to formulate appropriate strategies for the CMU Campus Energy Plan.

Junior Architect | Mathew and Ghosh Architects | July 2017 – June 2018 | Intern | Mathew and Ghosh Architects | July 2016 – June 2017

Worked in teams on design competitions and on-site projects. Responsibilities included design development, presentation drawings, construction drawings, site visits and coordination of execution at site. Projects typologies include industrial, institutional and residential.

Intern | Design Forum | June 2015 – July 2015

Worked on conceptual design development and created design drawings.

Accomplishments and leadership

JN TATA Scholar | Awarded a loan scholarship by JN Tata Endowment Fund | 2018

Winner of the A3 Foundation award | Best student interior design project | 2016

Conducted a workshop on Portfolio Making | January 2018

Class representative for 5 years | 2012-2017

Co-headed the annual architectural exhibition | RV College | 2014