



# KOMAL GANOO

SUSTAINABLE DESIGNER  
ARCHITECT & LANDSCAPE DESIGNER

Pittsburgh, PA, USA

+315 878 3520

kganoo@andrew.cmu.edu

www.linkedin.com/in/komal-ganoo

## EDUCATION

### CARNEGIE MELLON UNIVERSITY, USA

Master of Science in Sustainable Design

Aug 2018 – Dec 2019

Fall GPA 3.5/ 4.0

### SAVITRIBAI PHULE PUNE UNIVERSITY, INDIA

Bachelor of Architecture

July 2010 - April 2015

## PROFESSIONAL SKILLS

### COMPUTER SKILLS

AutoCAD

Sketchup

Adobe Photoshop, InDesign & Illustrator

Rhino and Grasshopper

ArcGIS Pro

### BUILDING SIMULATION TOOLS

Revit CEA, Energy Plus, DesignBuilder,

Ladybug, DIVA, Archsim

### LANGUAGES

English, Hindi, Marathi

## GRADUATE COURSEWORK

- Building Performance Modelling
- Environmental Performance Simulation
- LEED Green Design & Buildings
- Zero Energy Housing
- GIS & CAFM
- Planning by Design: Campuses, Waterfronts & Districts

## ACTIVITIES

- **COUNCIL OF ARCHITECTURE, INDIA**  
Member | Aug 2015 - Present
- Author for Deeproots Design, 'Transforming Urban Landscapes', Journal of Landscape Architecture, India, Apr 2017
- **AUROVILLE EARTH INSTITUTE, INDIA**  
Construction of Arches, Vaults, Domes using compressed stabilized earth blocks (CSEB) Certification | June 2014
- **INTERNATIONAL CONFERENCE ON HEALTHY CITIES, INDIA**  
Student Committee Member | Feb 2011

## PERSONAL INTERESTS

Architectural History, Travelling and Yoga



## WORK EXPERIENCE

### CARNEGIE MELLON UNIVERSITY, PITTSBURGH, USA

Sept 2018 - Present (With Dr. Nina Baird)

Research Assistant | Campus Energy Plan for CMU

- Analyzed the energy plans from peer institutions; identified challenges and potential strategies for CMU

### DEEPROOTS DESIGN PTE. LTD., PUNE, INDIA

Oct 2016 - Apr 2018

Architect and Landscape Designer

- Collaborated to design low impact surface water management and planting details for a commercial project in compliance with green ratings (LEED, GRIHA)
- Developed the landscape architectural package from conceptual presentation to construction drawings and details for a medium scale residential project (Kenya)
- Prepared a material inventory for a medium scale residential project to achieve 5% savings in the material costs without compromising the quality (Kenya)
- Presented and documented a sustainable landscape concept, working drawings and a competition entry for a large-scale corporate campus (India)

### SBA ARCHITECTS & DESIGNERS PVT. LTD., PUNE, INDIA

Aug 2015 – Sept 2016

Junior Architect – Landscape Architecture

- Assisted and formulated landscape details for a large-scale waterfront township (India)
- Integrated a low impact low-cost landscape concept for a medium-scale institutional campus (India)
- Contributed to create design alternatives, material palette, primary estimate and details to achieve 30% 'green' areas on site for a mixed-use township (India)

### Ar. KSHITIJA KOLHATKAR & ASSOCIATES, PUNE, INDIA

May 2014 - Oct 2014

Intern - Landscape Architecture

- Prepared landscape details and environmental clearance drawings for medium scale residential projects (India)