

# Nihar Pathak

ARCHITECT || PHOTOGRAPHER

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## Inspiration and the Blend

"Logic will get you from A to B. Imagination will take you anywhere." - Albert Einstein

I believe that a photograph suggests what the essence of the space contains and this inspires the imagination to travel through spaces. After all time and space cause the imagination to be either an illusion or a reality. While Photographers have the ability to freeze time, Architects have the ability to bring this imagination to reality.

## Work Experience

### Vivian Loftness, Carnegie Mellon University

RESEARCH ASSISTANT

- Position: Technical Editor for the BIDS tool.

Pittsburgh, PA

Sept 2018 – Present

### Nihar Pathak

PRINCIPAL ARCHITECT

- **Projects:** Designing and execution for various landscape projects, Single and Multi-family residences, Interior for office spaces and residential units.
- **Locations:** Nashik, Igatpuri, Nevasa, Pimpalgaon (Various towns and countrysides in India)

Nashik, India

Apr 2017 – Aug 2018

### Space Dynamix

SUMMER INTERN

- **Projects:** on the designing team for two single family residential projects, On the team to generate the working drawings for commercial buildings, multi-family residential units and a terrace level swimming pool.
- **Locations:** Limdi (Gujrat), Chennai (Andhra Pradesh), Gandhinagar (Gujrat), Nashik (Maharashtra), Valsad (Gujrat), Mumbai (Maharashtra)

Mahim, Mumbai, India

May 2016 – October 2016

## Education

### School of Architecture, Carnegie Mellon University

MSSD

- Master of Science in **Sustainable Design**

Pittsburgh, PA

Aug 2018 - Exp. Dec 2019

### Sinhgad College of Architecture, Savitribai Phule Pune University

B.ARCH - FIVE YEAR UNDERGRADUATE COURSE

- Bachelor in **Architecture**

### HPT Arts and RYK Science College, Maharashtra State Board of Higher Secondary Education

HIGHER SECONDARY CERTIFICATE (HSC)

- Scored **87%** marks in the state level exam

### Fravashi International Academy

O-LEVEL CERTIFICATE

- Scored **A** grade in the O-level exams under the Cambridge IGCSE Curriculum

Pune, India

Aug 2012 - Apr 2017

Nashik, India

July 2010 - March 2012

Nashik, India

June 2010

## Relevant Courses in Graduate Program

12748 A2	<b>Mechanical Electrical Systems Design</b> , Gerry Mattern	completed
48722	<b>Building Performance Modeling</b> , Omer Karaguzel	completed
48729 A	<b>Productivity, Health and Quality of Buildings</b> , Vivian Loftness	completed
48743 A	<b>Introduction to Ecological Design</b> , Dana Cupkova	completed
48753 A1	<b>Introduction to Urban Design Media</b> , Marantha Dawkins	completed
48681 A1	<b>Digital Skills Workshop</b> , Man Kim	completed
48720 A	<b>Planning by Design</b> , Ray Gastil	ongoing
48723 A	<b>Performance of Advanced Building Systems</b> , Volker Hartkopf	ongoing
48733 A3	<b>Environmental Performance Simulation</b> , Omer Karaguzel	ongoing
48752 A	<b>Zero Energy Housing</b> , Nina Baird	ongoing
62715 A	<b>Shaping the Built Environment</b> , Dana Cupkova	ongoing

## Extracurricular Activity & Skills

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### FOREIGN LANGUAGE PROGRAM

- Level **B1 in French** language
- Fluent in **English** language

### NATIONAL LANGUAGES

- Fluent in **Hindi** language
- Fluent in **Marathi** language

### Photography Club

*Pune, India*

### VICE-PRESIDENT

*2013-2017*

- Organizer of photography club activities in Undergraduate college in association with the student body and in-charge of all event documentation.

### Undergraduate College

*Pune, India*

### STUDENT-BODY HEAD AND TREASURER, TROPHY LEADER AT NATIONAL LEVEL

*2013-2016*

- Student Body Head for the academic year of 2015-2016.
- Student - Treasurer for two consecutive academic years between 2014-2016.
- Team Member for NASA HUDCO trophy in 2013.
- Trophy Leader for NASA HUDCO trophy in 2014 and 2015.

## Computer Skills

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### COMPUTER AIDED DESIGNING SOFTWARE

- Autodesk AutoCAD
- Autodesk Revit Architecture
- Autodesk 3DS Max
- Trimble Sketchup
- Rhinoceros
- Grasshopper

### BIM SOFTWARE

- Autodesk Revit Architecture
- Design Builder
- Energy PLus
- Ladybug plug-in
- Diva Plug-in

### PRESENTATION SOFTWARE

- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- MS-Office