# **Devang Chauhan**

### **Building Sustainability Analyst**

"I enjoy developing tools and work-flows for performance simulation."



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#### **Tools Developer & Contributor**

Ladybug Analysis Tools

- Sep.16 Present
- Implemented non-convex checking in Honeybee
- Implemented Beaufort scale and added several capabilities to the original wind-rose component
- Fixed bugs in legacy and [+] versions of Ladybug and Honeybee
- Regular support to other users on the forum
- Currently involved in development of Ladybug core library

### **Senior Sustainability Engineer**

Khatib & Alami

Mar.18 - Present

- Daylighting
- Conceptual energy modeling
- Outdoor comfort studies (UTCI)
- (FD)
- Pedestrian Comfort
- Compliance documentation for LEED V4, Estidama, & Dubai Green Building Regulations
- Submittal review for code compliance

# Certificates

<b>BPAC</b>	<b>IGBC AP</b>	CFD
Autodesk	IGBC	Autodesk
6.00.2X	6.00.1X	LinkedIn
MITX	MITX	For full list

#### **LEED Green Associate**

GBCI

### Education

#### **Master in Environmental Building Design**

#### **Bachelor in Architecture**

The M.S. University of Baroda 

iii Jul.05 - Jul.10

Architecture & Building Construction. Graduated top of the class. Five awards for performance. Gold Medalist



Ladybug	••••••
Honeybee	••••••
Butterfly	••••••
Revit + Insight	••••••
Design Builder	••••••
Python	••••••
HTML + CSS	••••••
Javascript	•00000000
MS Office Suite	••••••
Tableau	••••••
Photoshop	••••••
Illustrator	••••••
InDesign	••••••
Revit + Dynamo	••••••
Rhinoceros + Gh	••••••
Sketchup	••••••
AutoCAD	••••••

#### **X** Awards

**Gold medal** The M.S. University of Baroda For the best academic performance

**Gold medal** The M.S. University of Baroda For the best performance in architectural design

**Gold medal** The M.S. University of Baroda For the best performance in design thesis

**Silver Medal** The Institution of Engineers, India For the highest score in civil engineering exam

**Excellence Award** Pidilite Industries Limited For excellence in architectural studies

# 1 Interests

Daylighting, Energy modeling, CFD, Comfort modeling, Automation, Software development, Web development, Content development,