ANKITA DIWAN

architecture graduate

ABOUT ME

I am a 2017 architecture graduate from the Indian Institute of Technology, Kharagpur, India. I have a trans-disciplinary background combining architecture, urban design, smart systems and human computer interaction. I wish to combine my interests in design and technology to work towards making cities smart and liveable and create meaningful experiences for people. I love travelling, meeting new people and work best in teams. I am a life-long learner and always curious to know more.

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR, INDIA

Bachelor of Architecture (honours) | 2012-2017
CGPA - 8.06

MOUNT CARMEL, CHANDIGARH (CBSE), INDIA

12th Standard | 2010-2012
Performance - 93.4%

BHAVAN VIDYALAYA, CHANDIGARH (CBSE), INDIA

10th Standard | 2016-2010
CGPA - 8.06

EXPERIENCE

HCI LAB, IIT KHARAGPUR, INDIA

Research Assistant | Feb - April 2017

- Assisted the ongoing research on Brain Computer Interaction for Smart Homes
- Worked on quantifying appetite by developing research protocol and collected data using EEG device

CHINESE UNIVERSITY OF HONG KONG, HONG KONG

Research Assistant, Urban Studies | May - July 2015

- Investigated impact of by-laws on city development in Sai Ying Pun
- Devised procedural modelling algorithm to simulate and analyse case scenarios of 60+ buildings
- Created an easy to use interface for planners using City Engine to help them plan and optimise plot-ratio

FABLAB, CEPT, AHMEDABAD, INDIA

Maker Intern | May - July 2014

- Executed 12 mini-projects for 'How To Make (Almost) Anything' exploring digital fabrication, electronics production & rapid prototyping
- Conceptualised & implemented a dynamic musical facade responding to audio frequency

SDEG ARCHITECTS AND CONSULTANTS, BANGALORE

Architecture Apprenticeship | Jan-June 2016

- Worked in an AD50 architecture firms in India with duties ranging from preparing architecture drawings, site supervision, estimation costing,presentations

GOPIGEON, BALODIS TECHNOLOGIES, BANGALORE

UI/UX and marketing intern| Dec 2015

- Accomplished wire framing & conceptualisation of website from scratch
- Facilitated brand communication & market positioning from B2C to B2B model by redesigning core UX solutions

CONFERENCE/ WORKSHOP

SMARTGEOMETRY, SPACES IN EXPERIENCE

Chinese University of Hong Kong, Hong Kong | July 2014

- Presented poster on relation between behavioural patterns, psychological effects and dynamic environments using conceived an adaptive maze game

SMARTGEOMETRY, ATMOSPHERIC DELIGHT

Chalmers University of Technology, Sweden | April 2016

- Generated feedback loops between spatial scenarios & user experiences
- Evaluated bio-metric responses in an immersive test environment to link thermal comfort & building performance

COMPETITIONS

SAINT GOBAIN TRANSPARENCE

Zonal winner - 8 finalists in India | Feb 2015

- Designed a multi modal transit hub using innovative facade system & piezoelectricity based on strategic planning

WITWORKS DESIGN CHALLENGE

Winner | Feb 2014

- Secured 1st position among 60 teams for ideation of anti-theft wallet; adjudged most innovative product

SKILLS

SOFTWARE

Adobe Creative Suite: Photoshop, Illustrator, InDesign; Premiere Pro, AutoCAD, SketchUP; Esri City Engine, Revit

DESIGN

Illustrations, icon design, story boarding, wire-framing, rapid prototyping, flowchart, UI/UX, gestural/tangible interactions

PROGRAMMING

Python, HTML/CSS, JavaScript, Processing, P5.js

LEADERSHIP

- Chief Editorial Head of IndianArch (national level magazine)
- Moderator of Public Speaking Forum
- Advertisement Design Captain of hostel team
- Design sub-head at university social cultural fest

INVOLVEMENT

- Part of 3 member girls Table-Tennis team for 50th Inter-University Sports Meet
- Mentored a group of 10 freshers in areas of academics and extra-curricular
- Member of Film Making Society in University
- Member of English Dramatics Society University
- Trained classical dancer