Harshvardhan Kedia

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Education

Carnegie Mellon University

B.A. in Architecture, 2019

Specialization in
Computational Design

Architectural Design
Software Engineering
Imperivate Compting
Creative Robotics
Service Design
Design Technology
Interactive Computing
Architecture Theory

Skills

Design
Representation
Concept Development
Schematic Design
Prototyping
Ideation

Computing
Software Development
System Design
Web Development
Visual Programming
3D/4D Modelling

Code
C#
Java
Grasshopper
Dynamo
Javascript
Python

Experience

Studio Design Computation Leader, NBBJ, 2019 - Present

- Developed detailed design concepts and documentation on project teams.
- Increased the digital capabilities of the firm through training and recruiting.
- Created parametric models for design iteration and geometric rationalization.
- Worked with the leadership team to set the studio technology strategy.
- Took part in larger firm-wide initiatives and influenced tool development.
- Investigated and explored new tools and technologies.

Architectural Designer, Bohlin Cywinski Jackson, Summer 2018

- Worked in a highly collaborative environment with project teams on institutional design projects and competition drawings.

Computational Designer, Nudes, Summer 2017

- Led competition winning entries for multiple design awards.
- Designed innovative parametric retail storefront.
- Streamlined and automated internal design computing workflows.

Developer, Archeology of CAD, 2018 - 2019

- Worked with faculty for research and reconstruction of early CAD systems. dcardo.com

Teaching Assistant, Carnegie Mellon, 2017-2019

- Modern Architecture: Prof Kai Gutschow
- Architecture and the Arts: Prof Kai Gutschow
- Digital Fabrication Lab: Terry Hritz
- Grow Collective Design Studio: Prof Jonathan Kline

Editorial Board, inter · punct, 2018 - 2019

- Wrote on architecture, technology & society.
- Led team on various school-wide projects. interpunct.pub

Resident, Computational Design Lab, 2018 - 2019

- Part of an interdisciplinary space of scientists, engineers & designers . code.arc.cmu.edu