

# Harshvardhan Kedia

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## Education

Carnegie Mellon University

B.A. in Architecture, 2019

### Specialization in Computational Design

Architectural Design

Software Engineering

Creative Robotics

Service Design

Interactive Art

Interactive Computing

Architecture Theory

## Skills

### Code

C# (.NET)

RhinoCommon / Revit API

Javascript

NPM / Node.js

GraphQL Backend

Vue.js / HTML / CSS

P5.js

Java

Python

Git / Github

### Software

Revit

Rhinoceros3D

RhinoInside

Grasshopper

Dynamo

Photoshop

Indesign

Illustrator

## Experience

### Studio Design Computation Leader, NBBJ, 2019 - Present

- Developed full-stack web and desktop applications for the firm
- 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.
- 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](http://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](http://interpunct.pub)

### Resident, Computational Design Lab, 2018 - 2019

- Part of an interdisciplinary space of scientists, engineers & designers . [code.arc.cmu.edu](http://code.arc.cmu.edu)