

# 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.

### 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](#)

## References

Nate Holland, Director of Design Innovation, NBBJ

Petr Mitev, Global Design Computation Leader, NBBJ

Matthew Huber, Architect, Bohlin Cywinski Jackson

Kai Gutschow, Tenured Professor, Carnegie Mellon University