# HARSHVARDHAN KEDIA

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## SKILLS

### DESIGN
-> Representation
-> Programming
-> Pre-Design
-> Schematic Design
-> Prototyping
-> Ideation

### SOFTWARE
-> Revit
-> Rhinoceros
-> Grasshopper
-> Adobe Suite
-> Vray
-> Unity
-> Sketchup

### COMPUTING
-> Python
-> C, C++
-> Arduino
-> Javascript
-> Processing
-> Java
-> Android Studio
-> C#

## EDUCATION

**Carnegie Mellon University**
**B.A. in Architecture 2019, 3.52 CGPA**
Specializations in Computational Design, Physical Computing and Design Theory.

Coursework in Interactivity and Computation, Software Engineering, Architecture Design Studio, Design Computing, Creative Robotics, Physical Computing, Architecture Theory, Design Theory, Machine Learning, Imperative Programming, Software Engineering, Service Design and Interaction Design

## EXPERIENCE

**Intern, Bohlin Cywinski Jackson, Pittsburgh, Summer 2018**
-> Schematic design for Kent State University's design innnovation hub
-> Competition drawings for AIA Pittsburgh Awards (silver medal)
-> Construction Administration for Carnegie Mellon Ansys Hall
-> Pre-Design for Library at Penn State, Allegheny

**Intern, Nudes, Mumbai, Summer 2017**
-> Design, scripting and C.D. of parametric storefront for Regal Shoes
-> Led competition winning entry for Rethinking the Future Awards, 2019
-> Streamlined and automated internal design computing workflows
-> Led competition entry for Museum of Language in Seoul

**Teaching Assistant, Carnegie Mellon University, 2017-present**
-> Modern Architecture: Prof Kai Gutschow
-> Architecture and the Arts: Prof Kai Gutschow
-> Digital Fabrication Lab: Terry Hritz
-> Grow Collective Design Studio: Prof Jonathan Kline

**Researcher, Archaeology of CAD, CMU, 2018-present**
-> http://www.dcardo.com/projects/archaeology_of_cad/index.html
-> Responsible for research and reconstruction of CISP CAD system

## INVOLVEMENT

**Resident, Computational Design Laboratory, CMU, 2018-present**
-> http://code.arc.cmu.edu/
-> Only undergraduate student resident
**Writer, inter · punct**
-> http://interpunct.pub/

## REFERENCES

-> Matthew Huber, Bohlin Cywinski Jackson - matthew.z.huber@gmail.com
-> Kai Gutschow, CMU - gutschow@andrew.cmu.edu
-> Mary-Lou Arscott, CMU - mlarscott@me.com
-> Daniel Cardoso Llach, CMU - dcardoso@andrew.cmu.edu
-> Golan Levin, CMU - golan@andrew.cmu.edu