

HARSHVARDHAN KEDIA

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harshvardhankedia.com

EDUCATION

Carnegie Mellon University, B.A. in Architecture, 2019

Specializations in Computational Design, Physical Computing and Design Theory
Coursework in Imperative Programming, Interactivity and Computation, Design and Computation, Robotic Plaster, Robotics for Creative Practice, Art & M.L., Physical Computing, Architecture Robotics, Architecture Theory, Programming and C.S, Parametric Design and Scripting

EXPERIENCE

Intern, Bohlin Cywinski Jackson, Pittsburgh, Summer 2018

- > Schematic design for Kent State University's design innovation 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.Ds for 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

INVOLVEMENT

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

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

SKILLS

Technical

Python, C, C++, JS, Arduino+Mechatronic Design, Rhinoceros, Revit, Grasshopper, Vray, 7-Axis Industrial Robots, CNC Milling, Data Structures

Design

Pre-design, Programming, Construction Documents, Drawings