

DEE HARVEY
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EDUCATION

- 2015 - 2017 **MIT Department of Urban Studies and Planning**, Cambridge, MA
Master in City Planning
Top Thesis Prize: After Retreat: Buyout Programs and Local Planning Goals after Hurricane Sandy
- 2006 - 2011 **Syracuse University School of Architecture**, Syracuse, NY
Bachelor of Architecture
Magna Cum Laude
The A.I.A. Henry Adams Medal for the Highest Academic Ranking in the Bachelor of Architecture Program
Citation for Excellence in Thesis Design

WORK EXPERIENCE

- Nov 2017 - present **Kohn Pedersen Fox Architects**, New York, NY
Working on the research and computation team KPFui building computational tools and performing urban data analysis for architecture and masterplanning projects, developing web apps for both internal use and to provide new data driven service offerings such as computational urban design and site finder tools.
- Feb 2016 - June 2017 **Civic Data Design Lab**, Sarah Williams, Cambridge, MA
In charge of data collection, processing, and design for a web app analyzing urban lighting with Instagram (with Google VisionAPI), Google Places, etc. (collaboration with Philips Lighting). Designed urban furniture that tracks social activity using wifi sniffers, GPS, and tracking cameras (collaboration with Gehl Institute).
- Oct 2016 - June 2017 **nesterly**, Cambridge, MA
Co-founded a startup that connects students with spare bedrooms using a web app. Led UX/UI design, branding, and did front-end development for the web app. Won accelerator competitions including DesignX, MIT Global Ideas Challenge, Mass Challenge, and NYC BigApps.
- June - July 2016 **Regional Plan Association**, New York, NY
Used quantitative methods and geospatial data to project future development patterns in metropolitan NYC.
- Sept 2015 - Jan 2016 **Center for Advanced Urbanism**, MIT, Cambridge, MA
Edited the publication Infinite Suburbia, a tome on suburban studies including 55 contributing authors.
- Oct 2012 - Aug 2015 **Bjarke Ingels Group**, New York, NY
Worked on projects through every phase of design, led the design and engineering of algorithmically defined facades, BIM Lead, Model Shop Manager, taught Grasshopper and Vray courses.
- Nov 2011 - May 2012 **Diana Al Hadid**, New York, NY
Fabrication specialist doing digital fabrication, made shop drawings, constructed large scale sculptures.

TEACHING

- Spring 2019 **Adjunct Professor**, GSAPP, Columbia University, New York, NY
Taught an elective course that teaches students how data analysis can inform urban design and policy.
- 2012 - 2015 **BIG School**
Ran a series of courses ranging from beginner to advanced Grasshopper, as well as VRay courses.

SKILLS

Languages

Python
Javascript
HTML
CSS

Libraries

AngularJS
threejs
d3
numpy/pandas

File Types

JSON
GeoJSON
CSV
XML

Databases

SQL/NoSQL
Firebase
DynamoDB
PostgreSQL/PostGIS

Software

ArcGIS/QGIS
Rhino/Grasshopper
Revit
Adobe CS