

# Andrew Renninger

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## Education

### University of Pennsylvania

Master of City Planning

Graduated Spring 2020

Master of Urban Spatial Analytics

Graduating Spring 2021

### Franklin & Marshall College

Government and Economics

Graduated Spring 2012

Cum Laude

Honors in Government

## Skills

Python + R + JavaScript

PostgreSQL + PostGIS

Adobe CS + Microsoft Office

QGIS + Earth Engine + ArcGIS

CartoDB + MapBox + D3

AutoCAD + Rhino + SketchUP

## Course Experience

Processing big data in Google

BigQuery & Amazon Redshift

Developing machine learning  
techniques for civic analytics

Research in geodemography, land use  
and land cover change, and mobility

## Teaching Experience

Teaching Assistant

Urban Real Estate Economics  
(Spring 2018/2019/2020/2021)

International Real Estate  
(Spring 2018/2019/2020/2021)

## Professional Roles

### Annenberg Public Policy Center

Spring 2019 Research Assistant

Present

- + Lead spatial analysis for a team studying the 2020 presidential election, informing survey questions on local issues; maintain a database for geospatial information relevant to electoral decisions—industrial decline, climate risk.
- + Analyze the geography of campaign communications in the 2016 presidential contest, developing a paper exploring the effects of rallies during that election (presented at PaCSS 2020).

### Wharton Geospatial Initiative

Spring 2017 Research Assistant

Present

- + Collaborate with a team of faculty and students to produce peer-reviewed research, contributing to the economics and politics of housing; gather data for projects with the Federal Reserve, Brookings Institution, among others.
- + Lead research with spatial analytical, statistical and graphical tools; write and edit research summaries for the Penn Institute for Urban Research's quarterly newsletter UrbanLink.

## Pilot Projects Design Collective

Fall 2013 Urban Planner

Spring 2017

- + Managed and staffed planning for an annual conference, Wood at Work, that brings together 150 professionals and academics to discuss sustainable strategies in urban planning and design.
- + Promoted from grantwriter to establish a research group within the firm for informing design. Advised on projects ranging in scale—local (parklets) and global (hardwood procurement).

## University College London

Research Assistant

- + Selected to work cooperatively with a team of professors in research: 'Evaluating the Governance of Design' (published in two peer-reviewed papers).
- + Independently researched the Royal Fine Art Commission from its inception in 1924 to its end in 1999. Collated minutes, memoranda, and correspondences for use in a future book.

## The City of Lancaster

Fall 2011 Research Assistant

Spring 2012

- + Worked with City Council to create a searchable database of all changes to the urban fabric since 1900, informing heritage and historic preservation policy.