

# Evan Harry Cernea

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## Professional Summary

Masters' of Science in Urban Spatial Analytics, a program that combines data science and statistics with a focus on urban issues. Seeking to combine my liberal arts undergraduate experience with my STEM graduate studies to analyze large datasets and present those insight to help businesses make data-based decisions that align with their project goals. Well-versed in R, PostgreSQL, C#, Javascript, HTML/CSS, and the ArcSuite, Keras and TensorFlow.

## Education

<b>University of Pennsylvania, School of Design</b> , Philadelphia, PA	May 2018
Masters' of Science in Urban Spatial Analytics with Honors	
Relevant Courses: Spatial Statistics, Sensing the City, Spatial Analysis for Urban Planning, Javascript	
<b>University of Pennsylvania, College of Arts and Sciences</b> , Philadelphia, PA	May 2017
Bachelor of Arts in Urban Studies with Honors, Minor in History	
Magna Cum Laude, Phi Beta Kappa	
Relevant Courses: Data Visualization and Wrangling, Geospatial Software Design, GIS Applications in Social Science	

## Work Experience

<b>University of Pennsylvania School of Design</b> , Philadelphia, PA	January 2018 – May 2018
<i>Teaching Assistant for Data Wrangling and Visualization</i>	
<ul style="list-style-type: none"><li>Aided graduate students with data visualization, PostgreSQL database management, and web scraping.</li><li>Helped instructor Max Galka design the course, grade assignments, and troubleshoot code.</li></ul>	
<b>DataArts</b> , Philadelphia, PA	June 2017 – December 2017
<i>Research Fellow</i>	
<ul style="list-style-type: none"><li>Automated data wrangling processes for demographic surveys using R.</li><li>Researched economic impact of arts and cultural organizations in Philadelphia.</li></ul>	
<b>Digital Humanities @ Penn Libraries</b> , Philadelphia, PA	January 2017 – May 2017
<i>Intern</i>	
<ul style="list-style-type: none"><li>Updated guides directing users how to use various mapping software.</li><li>Researched different methods of open-source geocoding.</li></ul>	
<b>Fox Leadership Program Fellowship</b> , Philadelphia, PA	January 2017 – May 2017
<i>Research Assistant</i>	
<ul style="list-style-type: none"><li>Researched the cost of worker turnover in the trucking industry for Dr. Steve Viscelli.</li><li>Aided in a literature review about federal government subsidies for worker retraining.</li></ul>	
<b>Praxis Commercial, LLC</b> , Ardmore, PA	Summer 2016
<i>Summer Analyst</i>	
<ul style="list-style-type: none"><li>Underwrote and analyzed large commercial land portfolio using Excel and via broker calls.</li><li>Gave company-wide presentation on improvements to post office properties; developed deliverable outlining next steps.</li></ul>	
<b>Arcadia Land Company</b> , Narberth, PA	January 2016 – May 2016
<i>Intern</i>	
<ul style="list-style-type: none"><li>Conducted market research on mixed-use developments for a client; prepared associated meeting documents for Vice President.</li><li>Researched and identified commercial market options to client looking to develop shopping center.</li></ul>	

## Technical Skills

R, Javascript, PostgreSQL, C#, PostGIS, HTML, CSS, ArcMap, ArcPython, SPSS, VBA, GeoDa, Microsoft Suite, Adobe Illustrator

## Volunteer and Leadership Experience

<b>Penn for Youth Debate (PFYD)</b> , University of Pennsylvania	
<i>Vice President (Winter 2014 – Winter 2015), Curriculum Director (Winter 2013 –2014), Volunteer</i>	Fall 2013 – Spring 2017
<ul style="list-style-type: none"><li>Planned and implemented the syllabus for volunteers and teachers to use to teach debate to Philadelphia public school students.</li><li>Helped run a national tournament with 400+ attendees from across the nation two years in a row.</li></ul>	
<b>Student Activities Council</b> , University of Pennsylvania	
<i>Communications Director</i>	Fall 2014 – Fall 2015
<ul style="list-style-type: none"><li>Awarded and distributed annual budget allocations of all student clubs recognized by the University.</li></ul>	
<b>The Daily Pennsylvanian</b> , <i>Associate Copy Editor</i>	Winter 2014 – Spring 2016
<b>Academic Policy Committee of the Board of Trustees</b> , <i>Student Representative</i>	Summer 2014 – Summer 2015