JOSEPH A. JUNGERMANN

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PROFESSIONAL EXPERIENCE

DEPUTY RESEARCH MANAGER, THE REAL DEAL   Dec. 2024 – Present
- Lead the production of the magazine's featured real estate rankings across major U.S. markets, including New York, Los Angeles, South Florida, Chicago and Texas.
- Collaborate with reporters to interview sources and vet data.
- Create customized JavaScript maps using Leaflet library to show top transactions by deal volume in the county annually.
- For featured Miami-Dade top agents ranking, queried internal database using SQL and built custom Python scripts to analyze raw data of over 50,000 real estate transactions in the county for the year.

RESEARCHER, THE REAL DEAL   April 2021 – Nov. 2024
- Authored 500-word data posts analyzing real estate market trends. Featured project included comparing annual incomes to median home prices in major metropolitan areas in the U.S.
- Built a Selenium scraper to access housing and economic data from Zillow and the Census Bureau. Used Python Pandas and NumPy libraries to clean, merge and analyze data for over 300 metropolitan areas.
- Created a scatterplot displaying positive linear regression between per capita income and median home prices with additional analysis into population size per location.

RESEARCHER, CENTER FOR COMMUNITY MEDIA   Jan. 2021 – March 2021
- Created a 2021 NYC municipal elections database of over 400 candidates and their websites, social media, campaign contact details and financial information. Developed a Python script to scrape 500 candidates' campaign finance expenditures and submitted FOIA requests for additional data.

COLLEGE ASSISTANT, CRAIG NEWMARK GRADUATE SCHOOL OF JOURNALISM   Sept. 2020 – Dec. 2020
- Helped teach first-semester students in a Fundamentals of Data Journalism course. Assisted a class of 15 students during weekly office hours with learning the basics of HTML, CSS, Excel, Datawrapper and data analysis software.

DATA/INVESTIGATIVE REPORTING INTERN, THE BEACON   June 2020 – Aug. 2020
- Used Python coding to report and investigate 20 years of police civilian-shootings data in the Kansas and Missouri metropolitan area. Filed 20 FOIA requests for a piece on police use-of-force policies, which resulted in Overland Park Police changing its shooting-at-moving-vehicle policy.

WRITER/REPORTER, 12UP SPORTS   Sept. 2017 – Jan. 2019
- Wrote a dozen 250-word blog articles per day, producing over 2,000 articles across all major United States sports leagues. This resulted in over 20 million views. Stories include an interview with veteran NFL head coach John Fox and his draft day experiences.

EDUCATION

CRAIG NEWMARK GRADUATE SCHOOL OF JOURNALISM AT CUNY   Dec. 2020
M.A. in Journalism, Urban Studies & Data Analytics Concentration

STONY BROOK UNIVERSITY   Dec. 2013
B.A. in English, Honors College

SKILLS AND CERTIFICATES

Certificate: Noble Desktop – Data Science
Coding: HTML, CSS, JavaScript, Python, SQL, Machine Learning, VSCode, GitHub