KABIR JAIN

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EDUCATION

Grinnell College, Grinnell, IA   Graduated May 2021
Bachelor of Arts: Economics (Statistics Concentration)
- Relevant coursework includes: *Foundations of Policy Analysis, Microeconomics, Macroeconomics, and Statistical Modeling*
- Received an Honorable Mention at the international Undergraduate Statistics Class Project Competition in Fall 2020 for an intermediate statistics research paper on The Effects of Improper Standardization on Modeling Trends in Surface Temperatures.

WORK EXPERIENCE

AECOM - Economics & Advisory, Chicago, IL
Data Analyst (Economist I)   July 2021 – July 2023
Geospatial Analyst (Economist II)   August 2023 – June 2023
- Wide array of projects for public and private sector clients, including but not limited to general plans, economic and economic recovery studies, dashboard creation, fiscal analyses, and land use & zoning analyses.
- Key clients include the City of Los Angeles, CA, City of San Francisco, CA, City of Chicago, IL, St. Louis City, MO.

Key Projects
- Los Angeles Economics & Technology, Los Angeles, CA - Lead data analyst on several tasks of an ongoing project with a budget of nearly $2 million, tasked with updating the City of Los Angeles's General Plan Framework.
  - o Lead analyst on racial and social equity: Utilized IPUMS data to identify race, ethnicity, and gender based gaps in earnings.
  - o Lead analyst on employment analysis: Utilized confidential QCEW data and parcel data to identify employment districts across the City, based on different employment types.
  - o Lead analyst on housing and public engagement: Developed an R Shiny application that allows the general public to weigh 22 socio-economic variables and view how their decisions affect the future of the City's housing share across Community Planning Areas. This application includes interactive maps, and connects to an Amazon Web Services server to save user input for Los Angeles City Planning to review.
  - o Supporting analyst on fiscal analysis: Analysis of the City's General Fund revenues and expenditures to develop multipliers which in turn feed into an Excel tool for Los Angeles City Planning to examine the marginal benefits and costs of additional commercial development.
- Plano Market Study, Plano, TX - Lead data analyst on a project scoped to create a set of public-facing demographic, housing, and commercial real estate ESRI dashboards.
  - o Pioneered the team's first usage of the ArcGIS API for Python to automate the creation and publishing of Web Maps based on data pulled from the Census API and from the City of Plano.

BuilderTrend, *Data Science Intern,* Omaha, NE   March 2021 - May 2021
- Weekly reporting on key features to management teams
- Full-stack responsibilities - Ownership of key analysis project on viability of Onsite Consulting.
- Assisted with several data-intensive projects including analyzing customer engagement with the website and mobile app.
- Responsible for intra-company data requests. Handled through construction of custom SQL queries.

Grinnell College, *Data Science Course Mentor,* Grinnell, IA   August 2020 - January 2021
- Worked with Dr. Shonda Kuiper to assist in creation of course materials for STA-230, Introduction to Data Science.
- Graded homework assignments for students and hosted mentor sessions to assist students with homework and sample problems.

SKILLS

- Programming Languages: R, Python, SQL, HTML & CSS, JavaScript
- Softwares: ESRI Suite, Microsoft Suite, Adobe Suite, Stata, Tableau
- Languages: English (fluent), Hindi (fluent)