SIMARPREET SINGH

Data Analyst, passionate about extracting meaningful insights to build a **human-centered** and **data-driven** future.

CONTACT

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EDUCATION

University of California, Davis
June 2019

Bachelor of Arts, Economics: Data Analytics & Economic Analysis.

SKILLS

Programming
R
STATA
Python
SQL
Javascript / Nodejs
Excel / Sheets

Analytics / Research
Statistics / Econometrics
Data Wrangling / Cleaning
Data Visualization / Analysis
Forecasting / Modeling
Time Series Analysis
Survey Design
Hypothesis Testing
Experimental Design

Tools
R Studio
Jupyter Notebooks
Git / GitHub
Google Analytics
Sketch
Slack
PowerPoint / Slides

WORK EXPERIENCE

Research Assistant -
Dept. of Economics, UC Davis
Jan '19 - Present

- Process and analyze data set of 4,000+ survey records for ongoing development project in the Philippines.
- Develop hypotheses from base-line survey data.
- Locate and quantify evidence for hypotheses in R/STATA.
- Communicate findings for development of a pre-analysis plan and end-line survey.

Analytics & Communications Coordinator -
Summer Sessions Office, UC Davis
Sep '17 - Present

- Increased lead conversion by 30% through data-driven product changes.
- Generate data-insight reports with Python and communicate insights at quarterly analytics check-ins.
- Clean and wrangle data for presentations by the director and for future analytics.
- Create dashboards and perform ad-hoc analyses on digital marketing data to extract actionable insights.
- Communicate insights and recommendations to key technical and non-technical stakeholders.

Lead Developer & Researcher -
Likhari Media
Jan '18 - Aug '18

Business Analyst Intern -
Bright Homes LLC
Jun '17 - Aug '17

VOLUNTEER

- Event and conference planning committee, workshop coordination, and digital content creation for social nonprofit, Jakara Movement.