

Vaishali Venkatesh Prasad

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SUMMARY

Data analyst skilled in Python, R and SQL, with a background in public policy and economics. My skills include data visualization, web scraping/text mining, econometric analysis and stakeholder management.

EDUCATIONAL EXPERIENCE

Hertie School of Governance, Berlin, Masters in Public Policy 2018

- **DAAD Helmut Schmidt programme scholar - 1 out of 2** Indians selected out of 429 applicants (less than 4% acceptance rate)

Indian Institute of Technology, Madras, Bachelors & Masters in Economics 2015

- **All-India Rank 4** out of 3000 applicants in the programme (less than 2% acceptance rate)
- Prof. A Ravindran Prize winner for the best record in the Economics programme (**Rank 1**) and the Swati-Jayalakshmi memorial award winner for the best record among female students

PROFESSIONAL EXPERIENCE

European School of Management and Technology (ESMT), Berlin, Data Analyst Jun 17-present

- **Created R based leadership feedback tool**, used by MBA students and top management executives both at ESMT Berlin and INSEAD
- Conducted meta-analysis of **92** statistical studies as part of a [crowdsourcing data analysis project](#)

Centre for Microfinance, IFMR-LEAD, Bangalore, Research Associate Jun 15-Feb 16

- Analyst on a project on technology & innovation in the Indian Brick Industry, headed by Prof. Dan Keniston from **Yale University**
- Designed research surveys & organized data collection from over **7000** brick firms across two Indian states
- Skills used: Geographic Information System (GIS) analysis, field & stakeholder management, data collection, monitoring & analysis using Stata

Alcazar Capital, Dubai, Private Equity Analyst May 14-Jul 14

- Developed the sell-side advisory of a real-estate developer in the MENA region worth over **\$1 billion** & prepared the Investment Memorandum, which included DCF valuation & market research
- Conducted market research of the Netherlands student housing sector for a German based infrastructure development company & analyzed potential exit options of an oilfield equipment rental company in the UAE

RESEARCH PROJECTS

- Conducted **big data** statistical and visualization analysis (dataset with around **1.5 million observations**) to map patterns of cyber security attacks across time, for a major international quality certification company 2018
- *Parental separation and adolescent wellbeing in Germany - fixed effects regression analysis in R using the German pairfam dataset*, Masters in Public Policy thesis. Link: <https://bit.ly/2QYk5ps> 2018
- *New media and networks of outrage: locating the rise of #MeToo on Twitter*, Analysis using **web scraping** of 7100 tweets using **Twitter API & sentiment analysis** (link to blog post & code: <https://bit.ly/2OztYxb>) 2018
- *Visualization and regression analysis of armed violence in Africa and Asia for the years 2015 and 2016*, **Spatial visualization** (with ggmaps) & interactive visualization analysis using ggplot & plotly (link to blog post & code: <https://bit.ly/2J1R2OR>) 2017
- Analyzed the determinants of traditional attitudes towards gender roles in India and Great Britain with ISSP data using a **logit regression framework** 2016

SKILLS

- **Expertise:** Data analysis, econometrics, statistical modeling, web scraping
- **Software:** Python (pandas, matplotlib), R (dplyr, ggplot2, shiny), SQL, Git, Stata
- **Languages:** English (Fluent), German (Intermediate - B1), Hindi (Fluent), Tamil (Native)
- **Other interests:** Professional scrabble player, yoga, strength training