MUNIRMAHEDI PAVIWALA

+91 9586 232300 | munir.paviwala@gmail.com | Vadodara - 390007, India.

EDUCATION

Postgraduate Diploma | *Krea University, Sri City, India* **2023**
Major: History
CGPA: 9.05/10

Bachelor of Arts (Hons) | *Krea University, Sri City, India* **2022**
Major: Economics, Concentration: Philosophy, Business Studies
CGPA: 8.76/10

Central Board of Secondary Education (Class 12) | *Urmi School, Vadodara, India* **2019**
Subjects: Economics, Accountancy, Business Studies, Political Science, English
Overall Marks (Average): 90.5%

Gujarat Secondary and Higher Secondary Education Board (Class 10) | *Shree C. A. Patel Learning Institute, Mota Fofalia, India* **2017**
Subjects: Mathematics, Social Studies, English, Gujarati, Sanskrit, Science.
Overall Marks (Average): 86.16%

RESEARCH EXPERIENCE

Capstone Thesis for Postgraduate Diploma|*Tracing Agricultural Expansion in India 1500AD to 1750AD* **Dec 2021 – Ongoing**
- Collected environmental datasets to find statistically significant spatial cluster changes in geographical cropland use data using GIS packages in R
- Finding relevant archival sources to construct a narrative for agricultural expansion of the area and tracing causal factors leading to expansion, including state interventions
- Contributes to understanding of present-day agricultural sector in Indian economy

Undergraduate Thesis |*Hundi System in Medieval India: Perspective from Economic History* **Dec 2021 – May 2022**
- Compiled the narratives from various South Asian historians about the Hundi system to explore the questions of contract enforcement in Hundis
- Brought forward new insights with methods of new institutional economics to explore the working of *sarrafs* – the issuers of Hundis
- Contributes to 'The Great Divergence' debate to examine the aspect about financial instruments in the debate

KREA University – Dr. Gaurav Ghosh| *Research Intern – METR calculation for India, 2018 to 2021* **Jul 2022 – Sept 2022**
- Explored and prepared guides for CMIE datasets – Prowess and Consumer Pyramid
- Collecting the data and replicating the results of a 2018 study on Marginal Effective Tax Rates (METR) in India
- Expanding the scope of the 2018 study to include the data from 2018 to 2021

SKILLS

Programming:
- Python (Pandas, statsmodels, Scikit-Learn, SciPy, NumPy, Selenium)
- R (tidyverse, raster, rgeos, DCluster)
- Weka (Data Mining)

Datasets:
- CMIE Prowess (Both DX and IQ)
- CMIE Consumer Pyramid
- World Bank Enterprise Survey
- HYDE (History Database of Global Environment)
- Bloomberg Terminal (PORT and related functions)

Applications:
- Google Sheets & MS Excel (GScript & VBA)
- LaTeX
- MS Word & Google Docs
- DaVinci Resolve
- QGIS
- Zotero
- Slack & Discord
- NetLogo

Languages:
- Gujarati (Native Proficiency)
- Hindi (Native Proficiency)
- English (Professional Working Proficiency)
- Urdu (Limited Working Proficiency)
- Arabic (Elementary Proficiency)

WORK EXPERIENCE

GradRight | *Intern*   **Jun 2021 - Aug 2021**
- Researching to identify and collate multiple data sources, by deploying of web-scraping scripts and APIs
- Used K-means clustering models with NLP to create sub-categories of text data
- Cleaning messy data and merging the collected data for deployment

GradRight | *Intern*   **Jul 2020 - Aug 2020**
- Researching and finding variables to predict the fundability of student education loans
- Deploying the findings with a fundability calculator

LEADERSHIP EXPERIENCE

Member - Constituent Assembly
- Researching various student body organisation for designing the college student government
- Leading research and communication for the sub-committee on the core structure

Founder - Pockit
- Setting up and automating delivery systems for more than 20,000 pin codes across India
- Setting up payment gateway, managing finances, and handling legal documentations

EXTRACURRICULAR
- IIMUN, NIMUN, GMUN, UMUN, VMUN – Delegate
- TCS Rural IT Quiz – School & District level participation (twice)
- ICAI Commerce Wizard Quiz – Merit Certificate for being amongst the top 250 students across India
- Commerce Quiz – School Representation to Finals (twice)
- Class Topper for National Science Olympiad – 9 times
- Class Topper for International Mathematics Olympiad – 6 times
- Class Topper for International English Olympiad – 4 times
- Chess Tournament – School representation in Khel Mahakumbh – Winner at Tehsil Level
- GK-IQ test – State Rank: 97