MUNIRMAHEDI PAVIWALA

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EDUCATION

Doctorate of Philosophy (PhD) | *History department at Boston College, Massachusetts*   **2023 - Ongoing**
Field of Study: Environmental and Economic history of South Asia
Advisor: Prasannan Parthasarathi

Certificate in Digital Humanities | *Boston College, Massachusetts*   **2024**
Projects towards: GIS, Data management and visualisation, text analysis

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| *The Fluid Relationship between Interlopers and the East India Company in the Late 17th Century: Evidence from the Diary of William Hedges (1681-1687)*   **Dec 2022 – May 2023**
- Explored the diary of William Hedges, a rare and valuable document that provides insights into the fluid relationship between interlopers and the East India Company in Bengal during the late 17th century.
- Created a model that captures the decision-making process of company employees about entering into private trade or interloping, based on their expected costs and benefits, personal preferences, and social networks.
- Added to the knowledge on the early history of global trade and the corporate governance of the East India Company, by revealing a more nuanced and diverse picture of interlopers and their role in shaping global trade.

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

DIGITAL PROJECTS / PUBLIC-FACING HISTORY PROJECTS

Tracing Agricultural Change in South Asia (1500-1750)
- Finding major changes in the agriculture based on the History Database of Global Environment for historians to verify.

New Materialism and Environmental History
- A website-essay explores theories of New Materialism and how they affect the practice of Environmental history.

Visualisation: East India Company Trade Data (1660-1834)
- Highlights flow of various commodities across Asia by the British East India Company, helps understand changes in trading patterns.

Video: Visualising Agricultural Change in South Asia (10,000 BC to 2000 AD)
- Data from environmental history dataset plotted for the region. Converted plots into video timeline for ease of access.

SKILLS

Programming:
- Python (Pandas, statsmodels, Scikit-Learn, SciPy, NumPy, Selenium)
- R (tidyverse, sf, sp, raster, rgeos, shiny)
- 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:
- Zotero
- Scrivener
- Tableau
- Canvas (LMS)
- VoyantTools (Text Analysis)
- LaTeX
- QGIS & ArcGIS Pro
- MS Word & Google Docs
- Google Sheets & MS Excel (GScript & VBA)
- DaVinci Resolve
- Github

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