

# MUNIRMAHEDI PAVIWALA

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## EDUCATION

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<b>Doctorate of Philosophy (PhD)</b>   <i>History department at Boston College, Massachusetts</i>	<b>2023 - Ongoing</b>
Field of Study: Environmental and Economic history of South Asia	
Advisor: Prasannan Parthasarathi	
<b>Postgraduate Diploma</b>   <i>Krea University, Sri City, India</i>	<b>2023</b>
Major: History	
CGPA: 9.05/10	
<b>Bachelor of Arts (Hons)</b>   <i>Krea University, Sri City, India</i>	<b>2022</b>
Major: Economics, Concentration: Philosophy, Business Studies	
CGPA: 8.76/10	
<b>Central Board of Secondary Education (Class 12)</b>   <i>Urmi School, Vadodara, India</i>	<b>2019</b>
Subjects: Economics, Accountancy, Business Studies, Political Science, English	
Overall Marks (Average): 90.5%	
<b>Gujarat Secondary and Higher Secondary Education Board (Class 10)</b>   <i>Shree C. A. Patel Learning Institute, Mota Fofalia, India</i>	<b>2017</b>
Subjects: Mathematics, Social Studies, English, Gujarati, Sanskrit, Science.	
Overall Marks (Average): 86.16%	

## RESEARCH EXPERIENCE

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**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

## 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
- DaVinci Resolve
- MS Word & Google Docs
- LaTeX
- QGIS & ArcGIS Pro
- Google Sheets & MS Excel (GScript & VBA)
- Slack & Discord
- NetLogo

## Languages:

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

## WORK EXPERIENCE

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### 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

## PROJECTS – INTERACTIVE TIMELINES (Work in Progress)

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### [English East India Company](#)

- Highlights major events about the EIC since its inception and its impact on British and Indian Economy

### [Portuguese in India](#)

- Charts major events from arrival of Vasco Da Gama to decline of Portuguese territory in 1961.

### [French, Danish, Ostend and Swedish Companies](#)

- Highlights major events about the EIC since its inception and its impact on British and Indian Economy

### [Tea, Coffee & Chocolate-Cocoa](#)

- Brings to light the global perspectives for historical explorations of the above three botanical products

### [Indian Economic History](#)

- Tries to trace all major events from antiquity in Indian Economic history. Current version focuses more on early modern period.

## VIDEO PROJECT – PUBLIC HISTORY

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I plotted the data from environmental history datasets to track agricultural expansion from 10,000 BC to 2000 AD. Converted the plots into a video timeline for ease of access to others. Can be found at the following

## LEADERSHIP EXPERIENCE

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### 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

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- 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