Neel Shah

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EDUCATION

Northwestern University
Evanston, IL

BA in Computer Science and Economics, Minor in History   *Expected* **2023**

- Kaplan Humanities Scholar, UWC Davis Scholar.
- Dean's List every quarter with a cumulative GPA of **3.97**/4.00
- Relevant Coursework: Micro/Macro Economics, Multivariate Calculus, Linear Algebra, Econometrics, Data Structures, Machine Learning, Economic History, History of American Technology.

UWC Mahindra College
Pune, India

IB Diploma Program; 43/45   *2017-2019*

RELEVANT EXPERIENCE

Institute for Sustainability and Energy at Northwestern
Oct 2019 – Present

Research Analyst   *Evanston, IL*

- Designed and iterated syllabi for over a dozen graduate-level courses in energy and sustainability.
- Analyzed and reviewed materials such as academic papers to assess their suitability for Northwestern's MS in Energy and Sustainability program.
- Developed Salesforce pipeline to manage faculty data, industry contacts and student applications.

Basil Labs
Aug 2020 – Dec 2020

Data Science Intern   *Washington, DC*

- Applied proprietary natural language processing models to large datasets of customer reviews in order to analyze sentiment and consumer experience.
- Developed web-scrapers using Python and the bs4 library to pull large datasets from TripAdvisor, Google Reviews.
- Presented findings in the form of case write-ups. An analysis of tourist perceptions of metro systems across India can be found here.

Give Essential
Aug 2020 – Nov 2020

Business Strategy Intern   *Hanover, NH*

- Analyzed tax incentives in the wake of 2017's federal reforms to optimize individual donor targeting and formulate outreach strategies.
- Cleaned and visualized data from donors and essential workers using Python, Excel and ArcGIS.
- Identified private-sector donation trends to develop corporate-donation strategy.

LEND Evanston
Oct 2020 – Present

Junior Account Manager   *Evanston, IL*

- Created digitization strategies for small retailers in Evanston based on researched best-practices and broader macroeconomic trends during COVID-19.
- Managed loans to small businesses by reviewing financial performance, advising on accounting and SEO difficulties.

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, JavaScript, STATA.
Markup Languages: LaTeX, HTML5, CSS3.
Developer Tools: Git, VS Code, PyCharm, Overleaf, IntelliJ, CLion, Atom.
Libraries: pandas, Beautiful Soup, Seaborn, Matplotlib, Selenium, scikit-learn.
General Purpose Software: MS Office, Google Suite, Salesforce.

ADDITIONAL

Spoken Languages: English (native proficiency), Hindi (native proficiency), Marathi (native proficiency), French (limited working proficiency), Urdu (elementary proficiency).
Interests: Vegetable Gardening, Cosmology, AI Ethics, Environmental History, Tea-Making.