

# Neel Shah

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## EDUCATION

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### Northwestern University

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

- Kaplan Humanities Scholar, UWC Davis Scholar.
- Dean's List every quarter with a cumulative GPA of **3.96**/4.00
- Relevant Coursework: Micro/Macro Economics, Multivariate Calculus, Linear Algebra, Econometrics, Data Structures, Machine Learning, Economic History, History of American Technology.

Evanston, IL

*Expected 2023*

### UWC Mahindra College

*IB Diploma Program; 43/45*

Pune, India

*2017-2019*

## RELEVANT EXPERIENCE

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### Institute for Sustainability and Energy at Northwestern

*Research Analyst*

Oct 2019 – Present

*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

*Data Science Intern*

Aug 2020 – Dec 2020

*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

*Business Strategy Intern*

Aug 2020 – Nov 2020

*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 thousands of donors and essential workers using Python, Excel and ArcGIS.
- Identified private-sector donation trends post-2017 to develop corporate-donation strategy.

## LEADERSHIP AND ACTIVITIES

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### LEND Evanston

*Junior Account Manager*

Oct 2020 – Present

*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, cash-flow and search-engine-optimization difficulties.

### UNi-ED

*Founding Mentor*

June 2020 – Present

*Pune, India*

- Provided pro-bono college counselling and mentoring services to low-income students, securing admission and financial aid at top American and British universities.

## ADDITIONAL

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**Technical Skills:** Python, C/C++, STATA, HTML5/CSS3, JavaScript, L<sup>A</sup>T<sub>E</sub>X, Salesforce, MS Office Suite.

**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.