

# Neel Shah

## Student

I'm a learner and volunteer with interests in the fields of economics, artificial intelligence, policy, and history.



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Evanston, USA 📍

bit.ly/neel\_shah 🌐

## EDUCATION

### Undergraduate (BA) Northwestern University 🌐

09/2019 - Present

GPA: 3.97

Honors Programs and Curriculum

- Kaplan Humanities Scholar.
- UWC Davis Scholar.
- Double major in economics and computer science.
- Minor in history.

### IB Diploma Program The Mahindra UWC of India

08/2017 - 05/2019

IB Score: 43/45

Honors

- Graduated valedictorian.

## WORK EXPERIENCE

### Research Analyst Institute for Sustainability and Energy at Northwestern 🌐

10/2019 - Present

Evanston, IL

Achievements/Tasks

- Developed curriculum for graduate-level courses in energy and sustainability following detailed pedagogical and industry research.
- Performed data analysis using Python and Excel.

Contact: Prof. Holly Benz - holly.benz@northwestern.edu

### Business Strategy Consultant Give Essential 🌐

07/2020 - 09/2020

Non-profit that 'matches' essential workers with donors in their area.

Achievements/Tasks

- Analyzed US tax incentives to develop donor outreach strategies, optimized the donor-worker matching process.
- Cleaned, analyzed, and visualized donor/essential worker data using Python, Pandas, ArcGIS, and Excel.

### Data Science Intern Basil Labs 🌐

08/2020 - 10/2020

Data analytics firm that uses natural language processing to analyze consumer experience (CX).

Achievements/Tasks

- Wrote case studies based on sentiment analyses and topic prevalence.
- Wrote web scrapers using Python, bs4, and Pandas.
- Applied proprietary NLP models to large datasets in order to analyze sentiment and CX.

## SKILLS

Research

Policy Analysis

AI/ML

Pandas

Java

Python

JS

HTML5

CSS

C/C++

Salesforce

NLP

STATA

Academic Writing

## PERSONAL PROJECTS

### High School Science (08/2017 - 05/2019)

- President of High School Science, a service initiative teaching science in the government schools of the Mulshi Valley.
- Developed a year-long syllabus and delegated to teams of volunteers. Impacted over 500 students.

### Volunteer Researcher at the Gyan Prakash Foundation (05/2017 - 05/2019)

- Census data collection and analysis of early-childhood learning outcomes in Indira and Kasturba Vasahat, Pune.
- Delivered over 100 hours of classes to low-income high-schoolers.

### Programming Projects (Multiple)

- Worked on multiple short programming projects including a transliterator, a food tour generator and a patient-management software. Available on my website (bit.ly/neel\_shah)

## CERTIFICATES AND PRIZES

### Trinity Guildhall Piano Examinations

Cleared Grade 5 with Distinction.

### Kaggle Certificates

Completed Kaggle courses in data visualization, natural language processing and machine learning.

### Kaplan Humanities Scholars Writing Prize

Won writing prize for my paper on essentialist nationalism in Gandhi's Hind Swaraj.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Marathi

Full Professional Proficiency

French

Limited Working Proficiency

## INTERESTS

Data Policy

Environmental Economics

History of South Asia

Climate Justice