

# Adit Agarwal

[aditagarwal.com](http://aditagarwal.com)

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## EDUCATION

**University of Illinois,  
Urbana Champaign**

**BS in Computer  
Science & Advertising,**  
May 2025

## SKILLS

### Languages

Python, Java, JavaScript,  
Design- HTML & CSS,

### Other Technologies

Flask, Django, Tweepy,  
Flutter (App  
development), AWS

## PROJECTS

### COVID VACCINE TWITTER BOTS (INDIA) ([linktr.ee/covidvaxind](https://linktr.ee/covidvaxind))

- Programmed Twitter bots for **COVID vaccine availability** in 6 major Indian cities by scraping government sources every minute and identifying new availability (since the last tweet). Received over **2 million impressions and over 1500 followers**.
- Built using **Python**, APISetu (Indian Govt API repository), **Twitter API**, **AWS**

### INTERACTIVE CONNECT4 BOT ([aditagarwal.com/connect4](http://aditagarwal.com/connect4))

- Built an interactive playable **Connect4 bot** using **AI algorithms** like minimax and alpha-beta pruning. Bot has a **>80% win rate** against humans.
- Built using **JavaScript**, **JQuery**, **Bootstrap**, **HTML**, **CSS**

### PRICEFINDER CHROME EXTENSION ([github.com/adit294/amazon-scraper](https://github.com/adit294/amazon-scraper))

- Developed a Chrome extension and hosted a web scraping system to scrape contents from e-commerce sites to **find best deals** for a particular product.
- Built using **Python**, **Flask**, **HTML**, **JavaScript**, BeautifulSoup (web scraping)

### PERSONAL WEBSITE ([aditagarwal.com](http://aditagarwal.com))

- Self-studied and learned web development on Coursera, w3 schools and YouTube to develop from scratch using languages like **HTML**, **CSS**, **JS** and libraries like **jQuery**.

## UNDERGRADUATE RESEARCH | Sept 2021 - Present

- Working with Professor Hari Sundaram (CS department) and Prof Ewa Maswolska (Adv department). The research aims to test ways to frame messages or display media in order to **compel individuals to donate** to a cause. As part of this I am working on creating the **web pages**, framing of messages, and some of the **graphics**.

## EXPERIENCE

### INTERN , Oorjan, Mumbai | Sept-Oct 2020

- Coordinated the installation of a 12kW roof top solar system at an orphanage. Enough savings generated to provide for ~10 kids every month.
- Worked with IoT components for measuring energy output and metric gathering.

### PROJECT INTERN, Gulf Oil Lubricants, Mumbai | March-April 2021

**Product and business model development** for Gulf Oil regarding Electric Vehicles.

- **Compiled extensive research** pertaining to the types of chargers available in India for leading EV brands.
- **Surveyed** ~200 people to draw insights about the ideal charger for the Indian market.

### LEAD INSTRUCTOR, ELEVATE THE FUTURE, Maryland, USA | Aug - Oct 2020

- Tutored a class of 40 middle & high schoolers from all over the world in **HTML**, **CSS** and web dev as the CS instructor.