

# Adit Agarwal

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## Education

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### University of Illinois Urbana Champaign

Bachelor of Science in Computer Science & Advertising  
GPA:3.70

Champaign, IL  
May 2025

## Experience

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### Software Engineering Intern – Asymtos Co-Distributed Cloud ([asymtos.com](https://asymtos.com))

June 2023 – Aug 2023

- Built **monitoring tools and interactive dashboards for edge nodes on a distributed cloud system**. Used **React**, **GoLang**, and **Python** to implement heartbeat detection, metric collection, plot creation, and more.
- Wrote extensive API documentation detailing various public as well as internal API resources.
- Designed VC pitch decks using **Figma**, helped simplify the company's messaging, and created better visual resources for the organization.

### Undergraduate Research Assistant

University of Illinois Urbana Champaign

Sep. 2021 – Present  
Champaign, IL

- Studying and finding biases in AI models like ChatGPT, BardAI, Dalle and Midjourney.
- Co-authoring a research paper on smart message framing that compels a reader to take action. **Developed web pages, graphics, persuasive messages and analyzed large datasets** for the same.
- Researching under Professor Hari Sundaram (CS) and Professor Ewa Maswolska (Advertising).

## Projects

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### COVID Vaccine Twitter Bots (India) ([linktr.ee/covidvaxind](https://linktr.ee/covidvaxind))

| Python, Twitter API, AWS, APISetu

- Programmed Twitter bots that autonomously tweet about real-time COVID vaccine availability in 6 major Indian cities by scraping government sources. Updates with new availability every minute.
- Received over 2 million impressions and over 2000 followers

### Interactive Connect4 Bot ([aditagarwal.com/connect4](https://aditagarwal.com/connect4))

| JavaScript, JQuery, Bootstrap, HTML, CSS

- Engineered an **interactive, competitive Connect4 bot** employing AI algorithms, including minimax and alpha-beta pruning, achieving a win rate of over 80% against human opponents

### Pricerfinder Chrome Extension

| Python, Flask, JavaScript, HTML, BeautifulSoup (web scraper)

- Designed and implemented a Chrome extension, along with hosting a web scraping system, to extract content from e-commerce websites for identifying optimal deals on specific products

## Activities and Other Experience

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### Operations- Reflections Projections, UIUC

Feb 2023 – Present

- Managed logistics, caterers, budget oversight, and career fairs for the Midwest's largest tech conference.

### Intern, Oorjan, Mumbai

Sep. 2020- Oct 2020

- Coordinated the installation of a 12kW roof top solar system at an orphanage.
- Worked with IoT components for measuring energy output, gathering metrics, and built a dashboard.

### Project Intern, Gulf Oil Lubricants, Mumbai

Mar. 2021–Apr 2021

### Product management 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

## Technical Skills

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**Languages:** Python, Java, JavaScript, Design- HTML & CSS, C++, Golang, PHP, Git

**Other Technologies:** Flask, Django, Flutter (App development), AWS, React, Cloud Computing, LF Edge