


# ADITYA KUNTE

Urbana, Illinois

☎ +1-2243730042 ✉ [akunte2@illinois.edu](mailto:akunte2@illinois.edu)  [aditya-kunte](#)

## EDUCATION

University of Illinois at Urbana-Champaign

*Bachelor in Science (Computer Science) - 3.80 GPA*

08 2021 – To-Date

*Urbana, United States*

Aditya Birla World Academy

*International Baccalaureate Diploma Programme - 44/45*


06 2011 – 05 2021

*Mumbai, India*

## COURSEWORK AND SKILLS

- |                               |                               |                                      |                     |
|-------------------------------|-------------------------------|--------------------------------------|---------------------|
| • Data Structures             | • System Programming          | • Data Visualisation                 | • Numerical Methods |
| • Machine Learning            | • Object Oriented Programming | • Algorithms and Models of Computing | • Linear Algebra    |
| • Database Management Systems | • Android Development         | • Computer Architecture              | • Blockchain        |
|                               |                               |                                      | • Web3              |

## WORK EXPERIENCE


Disruption Lab: 3 months 

2023

*Software Engineer*

*Champaign, Illinois*

- Collaborated with 7 students to develop a double **DAO** for tokenization of global resources like nickel, copper, and iron
- Implemented a **DAO** using **Aragon SDK** with existing smart contracts


Sellou, Duration: 3 months 

2023

*Intern, Software Engineer*

*Mumbai, India*

- **Full-stack development** of a social-media **android app** using **react-native**
- **Features implemented:** User-credentialing, dynamic feed of videos, likes and comments, **posting**

Centelon IT Solutions, Duration: 3 months 


2022

*Intern, Software Engineer*

*Mumbai, India*

- Created an image **web-scraper** to collect images of credit cards
- Developed a **Generative Adversarial Network (GAN)** to generate Credit Card images

## PROJECTS

Conceived, designed and developed an **Android Studio™, SQL application**  |

01 2021

- **Full-stack development** of an **android app** for an Indian plants/ nursery company.
- Developed an understanding of the **Software Development Life cycle**
- **Functionality:** User account **creation** and **credentialing**, selecting and transacting to buy plants/ plant accessories online

**Community Detection**  |

12 2022

- Parsed a Stanford musae dataset to create a **graph** (C++)
- Used the **Girvan-Newman algorithm** to create **node communities**. Implemented **Dijkstra's algorithm** to find node relationships(C++)

**Course Recommendation**  |

12 2022

- **Back-end:** Created functions that fetched professor data from RateMyProf webpages (Python)
- **Front-end:** Created a website that rated users' selected courses based off professor data and **sentiment analysis** from relevant Reddit posts. (Python, Flask)

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, SQL, HTML5/CSS3, Verilog, MIPS Assembly, Bash

**Technologies/Frameworks:** Linux, Git, React, AWS

## CERTIFICATIONS

- Python for Everybody Specialization from the University of Michigan - Coursera
- Convolutional Neural Networks from DeepLearning.AI - Coursera
- Financial Markets from Yale University - Coursera