ADITYA KUNTE

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EDUCATION

University of Illinois at Urbana-Champaign　　　　　　　　**08 2021 – To-Date**
*Bachelor in Science (Computer Science) - **3.86 GPA***　　　　　*Urbana, United States*

COURSEWORK AND SKILLS

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

WORK EXPERIENCE

Disruption Lab, Duration: 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　　　　　　　　　　　　　*Tokyo, Japan*

- **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 **Dijsktra'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