

# Yuva Sai Krishna Kuchipudi

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## EXPERIENCE

### JP MORGAN VIRTUAL EXPERIENCE PROGRAM | SOFTWARE

#### ENGINEER INTERN

July 2022 | Remote

- Interface with a stock price data feed
- Use JPMorgan Chase frameworks and tools
- Display data visually for traders

### SEDALCEAS EDUTECH | RESEARCH INTERN

June 2022 | Remote

- Conducted in-depth research on assigned topics
- developing a comprehensive understanding of various subjects.
- Learned and applied methodologies for academic research and publication, including proper citation and referencing

## PROJECTS

### DEEP LIGHTENING NETWORK WITH ATTENTION: A NOVEL APPROACH FOR LOW-LIGHT IMAGE ENHANCEMENT | PYTHON

Nov 2023

- Deep Lightening Network (DLN)
- Feature Aggregation (FA) block

### IMPROVED DATA SECURITY USING A REFINED ADVANCED ENCRYPTION STANDARD PYTHON

Nov 2022

- noval implementation of AES by modifying shift row and sub bytes
- increased data security

### ROBOTIC ARM FOR COVID-19 SAMPLE COLLECTION |

HARDWARE,IOT,BLYNK,IFTTT

- Wireless controlled arm to collect test swabs from COVID Patients.
- Avoids contact of medical personnel and delivers medicines and food to patients.

## EDUCATION

### SASTRA UNIVERSITY

BACHELOR OF TECHNOLOGY, COMPUTER SCIENCE

November 2020 - Present | Thanjavur, Tamil- nadu

CGPA: 8.7671

### SASI NEW GEN JR COLLEGE

INTERMEDIATE

2018 - 2020 | Andhra Pradesh

percentage:97.6

### SASI E/M HIGH SCHOOL

10TH

2018 | Andhra Pradesh

percentage:100

## SKILLS

### LANGUAGES

- C/C++ • Python • Java • HTML • CSS
- JavaScript • Basics of R Programming

### TOOLS

- Excel • Tableau • Powerbi

### DATABASES

- SQL • MongoDB

### MACHINE LEARNING

- ML • Image Processing

## CERTIFICATIONS

- [Link](#) The Joy of Computing using Python
- [Link](#) Introduction to Industry 4.0 and Industrial Internet of Things
- [Link](#) Introduction to Machine Learning
- [Link](#) Privacy and Security in Online Social Media

## ROLES AND

## RESPONSIBILITIES

### DAKSH INFRA CLUB SASTRA |

CORE MEMBER

Contributed and Conducted workshops.

### COMPUTER SOCIETY OF INDIA (CSI) SASTRA CHAPTER |

ADMINISTRATIVE LEAD

- Conducted events with industrial experts

### STELLARIA CLUB SASTRA |

CORE MEMBER

- Worked and Contributed to space-related projects and events

## PERSONALITY TRAITS

### STRENGTHS

Patience, Adaptability, Decision-Making

### LANGUAGES KNOWN

Telugu,English,Hindi,Tamil