

# Sai Priya Vaddineni

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## OBJECTIVE

Inquisitive computer science graduate student, looking for an internship while seeking to leverage solid skills in the fields of software development. I am a hardworking individual. I have good interpersonal understanding and communication skills and, I am a confident team worker with the ability to work on own initiative.

## EDUCATION

### Michigan State University

*Master of Science - Computer Science and Engineering; GPA: 3.67/4.0*

East Lansing, US

*Aug 2020 - Dec 2021*

### SASTRA University

*Bachelor of Technology - Computer Science and Engineering; GPA: 8.4/10*

Thanjavur, India

*June 2014 - May 2018*

## EXPERIENCE

### Michigan State University

*Graduate Teaching Assistant*

East Lansing, US

*Jan 2021 - Present*

- **Responsibilities:** Teaching over 150 undergraduate students in a weekly lab session that explores the fundamental concepts in Python. Holds office hours to assist students with difficulties in the concepts and assignments.

### TATA Consultancy Services

*System Administrator (Full-time)*

Hyderabad, India

*June 2018 - Dec 2019*

- **Tools:** Service Now, Jira, Brouha
- **Responsibilities:** Analyzing and fixing problems related to servers and evaluating the status of servers. Applying operating system updates, and configuration changes on servers, installing and configuring new hardware/software. Contributed to automating the manual work.

### National Remote Sensing Center - ISRO

*Intern*

Hyderabad, India

*May 2017 - July 2017*

- **Frameworks:** Phonegap, Xcode, Xampp
- **Achievements:** Developed a mobile application that is used for disaster mitigation, relief, and management. Using GPS, this application helps users at disaster locations connect to volunteers nearby.

## PROJECTS

### Road Accident Data Analysis | *Java, HTML, CSS*

- Designed an interface in which the user would provide a large volume of data with heterogeneous attributes of accidents. Data is used to determine major factors associated with road accidents.

### Marketing using Instagram Data | *Java, HTML, CSS, SQL*

- Developed a website that uses data similar to the Instagram users data, to provide useful insights to sellers, to market their product.

### ChatBot | *Python, PyTorch*

- A Chatbot is designed to simulate how a human responds based on the utterance in a conversation.

## TECHNICAL SKILLS

**Languages:** Python, C++, C, JavaScript, SQL, Java, HTML, CSS

**Frameworks:** Express.js, Bootstrap, jQuery

**Tools:** Service Now, Jira, Brouha, Git, Tableau

**Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, Opencv, TensorFlow, Keras, PyTorch

## CERTIFICATIONS

- Redhat Certified System Administrator
- AWS Solution Architect
- Full Stack Web Development

## SCHOLARSHIPS AND AWARDS

- National Merit Scholarship in Higher secondary school (2014).
- Dean's List Merit Scholarship for two years at SASTRA University (2014-2016)
- Certificate of Excellence in TCS