

Sai Adarsh S

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October 29, 1999

EXPERIENCE

- **Indian Institute Technology Madras** Chennai, India
<https://www.iitm.ac.in> - Software Engineering Intern June 2020 - November 2020
 - **Brain Research Team:** Single handedly re-architected brain section viewer
 - **Frontend team.:** Added new features/improvements to existing section viewer's codebase
 - **Tech::** Angular, React, MongoDB, Firebase, Openlayers
- **Guvi Geeks Networks** Chennai, India
<https://www.guvi.in> - Software Engineering Intern May 2019 - June 2019
 - **Codekata Team:** Developing boilerplates/templates for Codekata team
 - **Work:** Live project at <https://www.guvi.in/code-kata> ↗
- **Cloud Native Computing Foundation** Remote
<https://kubernetes.io> - Special Interest Groups Dec 2018 - Dec 2019
 - **Kubernetes Python Client:** Pushed windows batch file feature to Kubernetes official python client library
 - **Kubernetes Website:** Added improvements/features to Kubernetes.io website.
 - **Pull Requests:** Python. Website. Community. ↗
- **Indian Institute of Information Technology** Chennai, India
<https://www.iiitdm.ac.in> - Research Intern May 2018 - June 2018
 - **Computer Vision Team:** Developed ML models to predict disparity and depth of videos
 - **Tech:** Tensorflow, Sklearn, OpenCV

EDUCATION

- **Coimbatore Institute of Technology** Coimbatore, India
Master of Science in Software Engineering; GPA: 8.14/10 2017 – 2022
- **TVS Matriculation Higher Secondary School** Madurai, India
High School Science, Maths and Computer Science. 2005 – 2017

WORKS

- **Appendly:** Hackathon team with 10 plus wins across India. [Portfolio](#) ↗
- **React Apps:** React apps built for Hackathons. Tech: React, PostgreSQL, Firebase, MongoDB. [GitHub](#) ↗
- **Android Apps:** React Native and Core Java apps built for Hackathons. [GitHub](#) ↗
- **Python Boilerplates:** Flask and Django boilerplates serving ML models. Tech: Flask, GCP, Heroku. [GitHub](#) ↗

HACKATHONS

- **MTX Hackolympics - Winner:** Wrapper API for AWS S3 Buckets and Google Cloud Storage.
- **Hackerspace 2020 - Winner:** Voice enabled device assistant for Visually Challenged.
- **Aarush Hackathon 2019 - Winner:** Detection of stress with accuracy using Deep Learning
- **IBM Hackathon 2019 - Winner:** Vue.js based Webapp capturing news sentiment using NLP
- **HCL Hackathon 2018 - Winner:** Solid Waste Segregation using Neural Networks embedded with Raspberry Pi
- **Top 5:** Atlassian 2021. GraVITas 2019, 2020. HSBC 2019. Honeywell 2019. Tie 2018. Global Game Jam 2018.

PUBLICATIONS

- **Wrapper API for S3 and GCS:** Featured in - [HackerNews](#) ↗ [GitHub](#) ↗
- **Serverless Tinder Clone:** Featured in - [HackerNews](#) ↗ [GitHub](#) ↗
- **Pointer and Dynamic Memory in C++** ↗ : Memory management, dynamic memory allocation in C++
- **Experience working with Kubernetes** ↗ : Mentors, issues and Pull requests
- **Deploying Django App to Heroku** ↗ : Article on deploying Django to production

PROGRAMMING SKILLS

- **Languages:** C++, Python, JavaScript, Golang **Technologies:** React.js, Docker, Angular, DevOps, AWS