

Sai Adarsh S

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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
 - **Backend 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.
 - **Publications:** Blog
- **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: 8.10/10 *2017 – 2022*
- **TVS Matriculation Higher Secondary School** Madurai, India
High School Science, Maths and Computer; GPA: 8.6/10 *2005 – 2017*

WORKS

- **React Apps on GitHub:** React apps built for Hackathons. Tech: React, PostgreSQL, Firebase, MongoDB [GitHub](#)
- **Android Apps on GitHub:** React Native and Core Java apps built for Hackathons. [GitHub](#)
- **Flask Apps on GitHub:** Flask boilerplates serving ML models, built for Hackathons. Tech: Flask, GCP, Heroku [GitHub](#)

HACKATHONS

- **Hackerspace 2020 - Winner:** Voice enabled device assistant for Visually Challenged.
- **Aarush Hackathon 2019 - Winner:** Detection of Mental Health diseases with accuracy using Deep Learning
- **IBM Hackathon 2019 - Winner:** Vue.js based Webapp capturing news sentiment using NLP
- **Honeywell Hackathon 2019 - Winner:** Music and Movie recommender systems using collaborative filtering
- **HCL Hackathon 2018 - Winner:** Solid Waste Segregation using Neural Networks embedded with Raspberry Pi
- **Top 5:** VIT Hack 2020, 2019. HSBC Hackathon 2019. Tie Hackathon 2018. Global Game Jam 2018

PUBLICATIONS

- **Pointer and Dynamic Memory in C++:** Memory management, dynamic memory allocation in C++
- **Experience working with CNCF:** Mentors, issues and Pull requests
- **Deploying Django to Heroku:** Article on deploying Django to production

PROGRAMMING SKILLS

- **Languages:** C++, Python, JavaScript, Core Java **Technologies:** Android, React, React Native, Angular