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-architectured 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: 8.10/10   *2017 – 2022*

TVS Matriculation Higher Secondary School   Madurai, India
High School Science, Maths and Computer; GPA: 8.6/10   *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

- **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**: Smart Dustbin using Django and Raspberry Pi
- **HCL Hackathon 2018 - Winner**: Solid Waste Segregation using Neural Networks embedded with Raspberry Pi
- **Top 5**: VIT Hack 2019, 2020. HSBC Hackathon 2019. Tie Hackathon 2018. Global Game Jam 2018

PUBLICATIONS

- **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, Core Java   **Technologies**: Android, React.js, React Native, AWS