

# Sai Adarsh S

Site: [saiadarsh.ml](http://saiadarsh.ml) – Blog: [saiadarsh99](http://saiadarsh99)

LinkedIn: [sai-adarsh](http://sai-adarsh) – GitHub: [sai-adarsh](http://sai-adarsh)

Email : [saiadarshsivakumar@gmail.com](mailto:saiadarshsivakumar@gmail.com)

+91 9994878015

October 29, 1999

## EXPERIENCE

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- **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.
  - **Codekata:** 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 video and coupled it with existing stereo camera system.
  - **Tech:** Tensorflow, Sklearn, OpenCV

## EDUCATION

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- **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

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- **React Apps on GitHub:** React apps built for Hackathons. [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. [GitHub](#)

## HACKATHONS

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- **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 2019. HSBC Hackathon 2019. Tie Hackathon 2018. Global Game Jam 2018.

## PUBLICATIONS

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- **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

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