

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
 - **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:** Single handedly re-architected brain section viewer
 - **Course Designing Team:** Added new features/improvements to existing section viewer's codebase
 - **Tech::** PyAutoGUI, Python, Power BI
- **Cloud Native Computing Foundation** Mountain View, CA
Special Interest Groups *Dec 2018 - Dec 2019*
 - **Kubernetes Python Client:** Pushed windows batch files to K8's official python client library
<https://github.com/kubernetes-client/python/pull/766>
 - **Kubernetes Website:** Added improvements/features to Kubernetes.io website.
<https://github.com/kubernetes/community/pull/3548>
 - **Open Policy Agent:** Contributed to OPA's CI/CD production pipeline.
<https://github.com/open-policy-agent/opa/issues/1354>
- **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

- **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

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

HACKATHONS

- **Hackerspace 2020:** Open source python library for financial data analysis and machine learning for finance.
- **Aarush Hack Summit 2019:** Data Visualization of Git Log data using D3 to analyze project trends over time.
- **IBM Hackathon 2019:** Music and Movie recommender systems using collaborative filtering on public datasets.
- **Honeywell Hackathon 2019:** Music and Movie recommender systems using collaborative filtering.
- **HCL Hackathon 2018:** Music and Movie recommender systems using collaborative filtering on public datasets.

PROGRAMMING SKILLS

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