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
    - **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**: 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**: 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, 2020. 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