

Sunchit Sharma

SENIOR SOFTWARE ENGINEER (RESEARCH) · SAMSUNG RESEARCH INSTITUTE BANGALORE

C101, Lake Mist, Varthur Road, Whitefield, Bengaluru - 560066

☎ (+91) 9690393093 | ✉ sunchitsharma8@gmail.com | 🌐 www.sunchitsharma.in | 📱 sunchitsharma | 🌐 /in/sunchitsharma

Experience

Samsung Research Institute Bangalore

Bengaluru, India

SENIOR SOFTWARE ENGINEER - RESEARCH

July 2019 - Present

- Working on Samsung's I.O.T framework in the 'Home automation' domain.
- Designed and prepared working Demos for Samsung in IOT Solutions World Congress 2019, Barcelona
- Designed and prepared working Demos for Home Edge Team in Samsung Open Source Conference 2019, Korea
- Received spot award for contributions in Samsung's Machine Learning platform and for Key contributions in various International Demos.

Samsung Research Institute Bangalore

Bengaluru, India

RESEARCH INTERN

May 2018 - July 2018

- Developing voice intelligent applications that are cross platform and capable on providing various services like common voice assistants depending on the host.

International Institute of Information Technology, Hyderabad

Hyderabad, India

TEACHING ASSISTANT

Aug 2018 - Present

- CSE563 : Internals of Application Servers : Under Prof. Ramesh Loganathan
- CSE603 : Advanced Problem Solving : Under Prof. Venkatesh Choppella, Prof Vikram Pudi

R.W.X Technologies

Roorkee, India

STUDENT RESEARCHER

June 2016 - July 2016

- Made a project on Laughter and Emotion Detection in people with Speaking and Hearing Disabilities.

Education

International Institute of Information Technology, Hyderabad

CGPA : 8.68

M.TECH IN COMPUTER SCIENCE AND ENGINEERING

Grad. May 2019

College of Engineering, Roorkee

Percentage : 76.3 %

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Grad. May 2017

St. Joseph's Academy, Dehradun

X - 90 % , XII - 90.25 %

SCHOOLING

Grad. May 2013

Projects

Sensor Based distributed monitoring platform.

JAVA, BASH, VAGRANT, DOCKER, RABBITMQ, MLABS

- The platform is a fully distributed, fog and edge computing based platform where one can deploy multiple monitoring applications.

AI-Edge based platform.

PYTHON, BASH, VAGRANT, DOCKER, RABBITMQ, TENSORFLOW

- A distributed platform that supports deployment of TensorFlow based AI Applications and supported all IOT features along with it.

Goofy and Scrooge coins : Simple Crypto-currency systems.

PYTHON

- Goofy and Scrooge coins : Simple Crypto-currency systems.

VI like text editor for Linux based Systems.

C, C++

- A Text editor for Linux with text and command handling capabilities.

Home Credit Default Risk Predictor.

PYTHON

- A Kaggle project to predict clients' repayment abilities using machine learning techniques.

Splitwise Web-Application.

NODEJS, MONGODB, BOOTSTRAP

- A web application for splitting up and settling bills between people like the splitwise application.

AI based Trip Planner Chat-bot.

PYTHON, NLP

- A Dynamic Trip planner Chat-bot which can be used to plan a trip right from suggestions to bookings.

Awards & Leadership

ACADEMIC

- 2017 **Dean List, IIIT Hyderabad**, Dean's list awardee for academic excellence.
- 2017 **GATE**, Percentile : 99.25
- 2017 **IIIT-PGEE**, AIR : 06
- 2018 **UGC NET**, Percentile : 99.72
- 2018 **Dean List, IIIT Hyderabad**, Dean's list awardee for academic excellence.

NON-ACADEMIC

- 2018 **Student Placement Coordinator**, Non Academic award for Work during 2018-19 IIIT Hyderabad Placements.
- 2017 **Cultural Committee Coordinator**, Coordinated 'Zion 2017', College of Engineering Roorkee's Annual Cultural Fest.

CORPORATE

- 2020 **Samsung's Spot Award**, Contributions in Samsung's Machine Learning platform and for Key contributions in various International Demos.

Skills

Programming	C/C++, Python, Java, Bash, LaTeX
Framework	TensorFlow, NodeJS, Qt
Database	MongoDB, SQL, Mlabs
Tools	Git, Docker, Vagrant Adobe Photoshop & RabbitMQ

Relevant Coursework

- Distributed Systems
- Internals of Application Servers
- Distributing Trust & Blockchains
- Data Structures and Algorithms
- Advanced Problem Solving
- Natural Language Processing