

SHUJATH KHAN

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EDUCATION

SRM UNIVERSITY
B.Tech IT | CGPA: 8.7
July 2018, Chennai India

INTERESTS

Machine learning
BCI Technology
Mixed reality
Anime & Video gaming

SKILLS

TECHNICAL

Languages

Over 3000 lines of code

Python, JavaScript

Over 1000 lines of code

CSS, PHP, Shell, Java

Familiar:

C, C++, Markdown, R

DBMS

SQL, MySQL, Firestore,

DynamoDB

Frameworks

Angular, Express, Jquery

Familiar:

Vue, React(JS and VR)

Libraries

Tensorflow, Keras, Aframe,

OpenCV, Tornado, Flask

Tools

Anaconda, VirtualBox,

Git, Docker, AWS, ASK,

DialogFlow, VScode

SOFT SKILLS

Problem solving

Collaboration

Mentoring

Public Speaking

Leadership

EXPERIENCE

Infosys limited (MNC)

Systems Engineer | JAN '18 - Now | Full-time

Completed my 4 months internship and became part of a Research and innovation team named Lab42, ETA. Worked on AI based applications both on Desktop and embedded systems, developed applications using AWS web services and Alexa skills, facilitated 10000+ employees in their day-to-day routine.

Codbello (Startup) [remote]

Frontend Developer Intern | AUG '17 - JAN '18

Learnt web design and contributed to an educational application that is being used by Educators of SRM University.

Centre of Applied Research in Education (SRM University)

Student Developer | OCT '16 - JAN '18

An e-services application for automating the student certification process.

Think-Digital (SRM University)

Advisor | JAN '17 - MAY '18

Took the helm in mentoring budding developers by means of workshops in college premises.

Google Developer Students Club (SRM University chapter)

Creative Mentor | JAN '16 - MAY '18

Pivotal part of the creative design committee, organized zero-budget events.

ACHIEVEMENTS

Published a paper in a journal JETIR, on Real-Time Human Posture Recognition

Completed a specialization course on Advanced Machine learning using tensorflow with GCP by Google cloud.

Published and presented IEEE paper in ICPCSI conference on Autonomous Smart Waste Collection System using Internet of Things, 2017.

Achieved zonal ranking in India's Biggest Networking championship, IBNC, conducted at zonal centre VIT University, Chennai by I-MEDITA, 2016.

NOTABLE PROJECTS

Realtime human posture recognition

Recognizes human postures such as standing and sitting in realtime webcam.

Built using tensorflow, keras, python, flask, opencv.

Music playback using emotion recognition

Recognizes human emotions and plays a set of playlists.

Built using tensorflow, keras, python, opencv, pyaudio, apis

RE-Design

Recognizes 2D drawings and converts them to 3D-model, major usecase would be in the architecture industry.

Built using aframe, opencv, python, tornado

Automated learning management system

Reduced educator work load by 50%, by offloading materials and assessments.

Built using html5, css3, php, mysql, DMS, nginx servers, d3 charts for analytics.