

SHASHANK KUMAR SINGH

SOFTWARE ENGINEER | COMPUTER SCIENCE MAJOR | SRM INSTITUTE OF SCIENCE & TECHNOLOGY

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ABOUT ME

Computer Science graduate. Proficient in Python and C++. Familiar with Data Structures, Algorithms and other core CS concepts. Inquisitive and highly motivated.

INTERNSHIPS

CPPSECRETS.COM – Technical Content Writing SEP 2019 – NOV 2019

Wrote articles and object-oriented python programs on socket programming, SQLite and multi-threading. (Python, SQLite)

BHARAT SANCHAR NIGAM LIMITED – Trainee MAY 2018 – JUN 2018

Gained hands on experience with Optical Fiber Technology, Broadband Networking and Mobile Communication.

PERSONAL PROJECTS

-GC (DASH GC) (Danish and Shashank's Gesture Control) MAY 2019 - DEC 2019

Wanted to create a program that would enable a person to perform different tasks on a computer using just the person's hand gestures without using any wearable tech. Created and trained two deep neural networks to recognize 25 different hand gestures. Every gesture was mapped to trigger a specific action onto the target machine. Faced a lot of problems along the way and learned a lot about Convolutional Neural Networks and Recurrent Neural Networks.

(Python, Tensorflow 2.0, Jupyter Notebook, Git and Google Colab)

PHOENIX JUN 2018 - JUL 2018

New users on our channel (##SRM-OSC) on the freenode IRC (chat.freenode.net) were facing problems understanding and using IRC. Created a bot that helped new channel users become familiar with the basics of using IRC and also made them aware of the rules and regulations of our channel. It was a huge help to new users as they could simply ask Phoenix for trivial things instead of messaging other members on the channel directly.

(Python and Socket Programming)

SDL GAME PROJECT SEP 2017 – MAR 2018

Created a simple 2D Game from scratch using C++ and Simple DirectMedia Layer.

(C++, SDL and MS Visual Studio)

EDUCATION

B. TECH – SRM INSTITUTE OF SCIENCE AND TECHNOLOGY 2016 – 2020

Computer Science Engineering | CGPA 8.93 / 10

HOBBIES

Ethical Hacking and Aircraft Spotting.