


Shubham Singh

An evolving self-motivated Software Developer who loves to solve computer science problems, a keen learner who is immensely interested in computer programming and it's applications. My goal is to become a better software developer by learning industrial-grade technology and becoming an asset.



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V.P.O Ranital Teh and Distt Kangra, Kangra, India 

EDUCATION

B.Tech Computer Science

SRM Institute of Science and Technology

05/2015 – 05/2019

73%

XII

Bal Niketan Model Sr. Sec. School, Sector-37, Chandigarh

03/2013 – 04/2014

78%

X

G.A.V Public School, Kangra

03/2011 – 04/2012

81.7%

QUALITIES AND KEY STRENGTHS

- Self motivated and a deep learner.
- Proficient in working as a team member.
- Technology and Industry focused.
- Potential to adapt quickly.
- Quick learner and Responsible.
- Willing to learn the latest technologies behind the scenes.

TECHNICAL SKILLS

- C++
- Python
- Algorithms
- Data Structures
- Machine Learning

PROJECTS

Pathfinding Visualizer using Python2.7

- Implemented A* A.I algorithm and Dijkstra's Algorithm.
- Shows a visualization of implemented pathfinding algorithms and shows a comparison between both algorithms.

Hand Writing Recognition System Using a self made neural network in Python 2.7

- Capable of recognising the handwritten alphabets and numbers.
- Uses self made and trained feedforward neural network.

Disaster Management System using Raspberry Pi 3 and Python 2.7 (11/2018 – 05/2019)

- Alerts the user via email and cellular text notification prior to any major disaster by using intelligent monitoring system.

Multi-Disciplinary Design Project Facial Recognition & Detection Using Open CV and Python 2.7

- Capable of detecting and recognising faces using machine learning.
- Creates a dataset and uses the predefined models to predict the features.

EXTRA CURRICULAR ACHIEVEMENTS

- Worked as a core member of Computers and Science Teaching society of college in SRM Institute of Science and Technology.
- Worked as a Physics Associate Professor in Competitive Exams Academy.
- Participated and organized Computer and Mobile Gaming festival in cultural fest Rubaroo in SRM .
- Hands on experience in professional phone photography and editing.

INTERESTS

Machine Learning

Algorithms

Computational Photography

Intelligent Systems