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| Saurabh Yadav | |  | | --- | | NIIT University, Neemrana, India | | (+91) 8290444747 | | uvcg786[@gmail.com](mailto:kshiteejgilda@gmail.com) | | github.com/slacker458 | | linkedin.com/in/saurabh-yadav-167b3987/  https://slacker458.github.io | |

**Summary**

Software Engineer with expertise in Computer Vision and Deep Learning. I'm an autodidact and passionate about using data to, Understand cause and effect, Help Machines learn & Make the world a better place !

**Education**

**NIIT University, Neemrana** March 2019

* IVth Year in BTech Computer Science and Engineering
* Specialization in Artificial Intelligence
* **CGPA: 8.13 /10**
* Relevant Courses until August 2018: Introduction to Artificial Intelligence, Machine Learning, Advanced Java Programming, Advanced Databases, Design and Analysis of Algorithms, Computer Architecture and Organization, Operating Systems, Theory of Computation, Computer Networks, Java Programming, Database Management Systems, Object Oriented Programming, Software Engineering, Digital Logic and Design

**Cambridge Court High School, Jaipur**  May 2015

* CBSE HSC

Percentage: 70.6%

**Raath International School, Behror** May 2013

* CBSE SSC

CGPA: 10.00

**Projects**

* **Attendance System using Face Detection and Recognition (NUVision) :** Attendance of the whole class using a single photo. Working on face detection algorithm and Improving face recognition algorithms to provide high efficiency even on photos from a mobile camera. July 2018
* **Object Detection (with Segmentation) and Recognition :** Using Deep learning (R-CNN & YOLO v2) to Detect and Recognize Objects for NU 302 R & D Project. January 2018
* **3-Way Sentiment analysis of Quora Answers :** Using Deep learning to classify whether answers to a given question on quora are positive negative or neutral sentiment.

Project Link: <https://github.com/slacker458/3-Way-Sentiment-Analysis-of-Quora-Answers> March 2018

* **Face Detection and Verification using OpenCV :** Project Created to detect faces in a picture and verify their identities.

Project Link:<https://github.com/slacker458/Face-Detection-and-Verification> April 2018

* **Stock Prediction using LSTM Networks :** Compared various algorithms to predict Stock prices of particular company.

Project Link: <https://github.com/slacker458/Stock-Predection> May 2018

* **Neural Style Transfer :** A Deep learning project Which takes any image and an Style Image and applies the Style on that image using Deep ConvNets. Project made for Self Learning. February 2018
* **NetMap** : A Java Application made for Capturing Network traffic based on the different filters chosen by us for CS 382 Programming Tools Subject .

Project Link: <https://github.com/slacker458/NetMap> November 2017

* **Hotel Price Comparison :** A Web Application made for Comparing Different Hotel prices for CS 231 Database Management System Subject.

Project Link: [https://github.com/slacker458/HPC](https://github.com/slacker458/) November 2017

* **8 X 8 LED Cube :** An Arduino Powered LED Cube which shows different Styles, Shapes and Names in 3D, for EL 101 Digital Logic and Circuit.

Project Link: <https://youtu.be/IzrXzMcWYok> November 2016

* **Laundry Management System:** A centralized Laundry Management System built in Java NetBeans with data being hosted on MySQL Server for CS 301 - Software Engineering Subject.

Project Link: <https://github.com/slacker458/Laundry-Management-System> February 2016

**Research**

* **Face Detection:** Research and development on face detection algorithms under Research Assistant Program (NURap) provided by the university under Professor Gaurav Sharma.
* **Object Detection and Recognition using Deep Learning:** To improve existing methods of Object Detection and Recognition using Deep Learning. January 2018 – May 2018

**Skills**

* **Programming Languages**:
* Most Experienced with Python,Java, C++, C, SQL, Octave and Linux
* Dabbled in JavaScript, HTML 5, CSS 3, Node JS, MongoDB
* Worked on several projects in Image Processing.
* Hardware: Arduino, Raspberry Pi, Circuit Prototyping, Soldering, PCB Designing
* Languages: Fluent in English, Hindi, Marwari

**Key Qualifications**

* Worked on a broad range of Projects including Image Processing, Computer Vision,Digital Logic and Circuits, DBMS, Network Monitoring and a handful of Machine Learning Projects .
* I have worked in a team on some projects and alone on many projects as well.
* As I am an autodidact, I have completed different courses from coursera and udemy .
* I have studied Machine learning from stanford online certification course on coursera and specialization coursera on Deep Learning provided by Deeplearning.ai with various .
* I have completed course on Blockchain provided by IBM on Coursera.