

SOURABH ZALKE

OBJECTIVE My aim is to build the world a better place to live in and I believe it is possible only with Artificial Intelligence.

SKILLS & ABILITIES Machine Learning and MATLAB,
Python for Data Science,
C++ for Competitive Programming,
Java for Android App Development,
PHP, MySQL, Apache and JavaScript for Web Development.

EXPERIENCE **KONE HACKATHON 2017**
Feb - 2017
Built an Android App for elevator company KONE, which was supposed to recognize people entering to a building where the elevator is, and give the user a personalized experience throughout the elevator like leaving user to its home floor, etc. Used IBM Bluemix Environment for Simulation of Elevator and OpenCV name plate recognition system.

PROJECTS **TensorMagic**
Oct - 2017
TensorMagic is an Android Application which is intended to detect objects in the surrounding. Currently it gives the 3 best possible choices to user after predicting the object and then the user can click on a particular choice and can check the data related to it from Wikipedia. Used Tensorflow machine learning model for Object recognition.

DeepDream

Oct - 2017

Created DeepDream Images:

Used Convolutional Neural Network for generating deepdream images.

Applied Gradient Descent on a lower level of Tensorflow inception Model.

KoneHackathon-2017

Feb - 2017

For increasing elevators and escalators flow, an app which pings the elevators automatically when user is in a particular range and ready to use the elevator and give user personalized experience in App.

EDUCATION 2015-2019
Bachelor of Engineering
Madhav Institute of Technology and Science, Gwalior
CGPA: 6.88 (till 2nd Year)
Computer Science and Engineering (Major)
2013-2015
Higher Secondary
School for Excellence, Dewas, M.P.
12th Result – 89.8 %
2011-2013
High School
School for Excellence, Dewas, M.P.
10th Result – 93.8 %

HONORS AND
AWARDS **KONE Hackathon Finalist**
Feb – 2017 – KONE
Participated in onsite finals of KONE HACKATHON at Chennai.

Facebook HackerCup Qualifier
Jan – 2017 – Facebook
Qualified for the Round 1 in Facebook HackerCup

INTERESTS Interested in Machine Learning, Deep Learning and Competitive Programming.