

# YASH BAFNA

Data geek, Looking for data science opportunities

@ yashbafna05@gmail.com    +91-9630580898  
in linkedin.com/in/yash-bafna-b03937a9  
web: www.yashbafna.me

## EXPERIENCE

Senior Analyst

Capgemini India

Sept 2018 – Present    Mumbai

- Responsible for development of features for the tool.
- Responsible for updation and maintenance of the project
- Got trained in Azure cloud

Machine learning Intern

NIT Raipur

Jan – March 2017

- Worked in detecting cancerous tumor mass from CT Scan.

## PUBLICATIONS

Conference Proceedings

- “Automated Boundary Detection of Breast Cancer in Ultrasound Images using Watershed Algorithm”. In: *Ambient Communications and Computer Systems. Advances in Intelligent Systems and Computing*, vol 696. Springer, Singapore.

## PROJECTS

Lung cancer detection and classification

March 2018

- It detects the lung's cancerous mass from CT scan images and classifies it into malignant and benign
- Used **watershed** algorithm along with **Gaussian SVM** kernel

Hand Gesture Recognition

June 2017

- It detects the motion of hand along with skin segmentation and hence does simple mathematical operations based on gestures.
- Used **Malima et al.** method

Dog Breed Classifier

May 2017

- It classifies the dog's breed by computing the image.
- It is trained on dataset which contains four breeds of dog.
- Used **random forest** algorithm for the classification.

## EDUCATION

Bachelor in Technology

National Institute of Technology, Raipur

Aug 2014 – May 2018

8.66 CGPA (Honors)

## ACHIEVEMENT



Secured First position

National Science Exhibition, NIT Raipur

## SKILLS

Python, Java, C#, .NET, MySQL  
OpenCV, Machine and Deep learning libraries,  
Google Cloud VM, Azure VM

## CERTIFICATIONS

PyimageSearch Gurus

Jan – July 2017

Introduction to Computer Vision |  
Master OpenCV 3 in Python

Oct 2016 – July 2017

Learn MATLAB with Image Processing from scratch!

Oct – Nov 2017