

YASH BAFNA

Seeking opportunities in Data Science

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EXPERIENCE

Senior Analyst

Capgemini India

📅 Sept 2018 – Present 📍 Mumbai

- Responsible for development of features for the tool.
- Responsible for updation and maintenace 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 li-
braries,
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 Process- ing from scratch!

📅 Oct – Nov 2017