



Prateek

Bhatnagar  www.prateekbhatnagar.me  prateekbhatnagar2016@gmail.com

EDUCATION

VIT UNIVERSITY - B.Tech. Computer Science and Engineering

(GPA : 8.38 on 10 point scale)

2013 – Present [Currently In 4th Year]

EXPERIENCE

BEL -INDIA

NCR, India
JUN 2014 –JUL 2014

Software Engineering Intern

- Built a Java program to backup and restore configuration of Cisco and Juniper Switches and routers over a SSH connection on a Local Area Network

ENINOV

NCR, India
JUL 2015 –DEC 2015

Software Engineering Intern(Remote)

- Implemented a C++ Module to establish a TCP connection between server and client using a SSL protocol

RESEARCH EXPERIENCE

VIT, India
JUL 2015 –DEC 2015

Image Processing Research Assistant

- Studied K-Means and Constrained K-Means Algorithms in Image processing
- Designed MATLAB code to implement K-means and Constrained K means on a fused satellite image

B3 INTELLIGENCE

Delhi, India
JUN 2016 – JUL 2016

Software Development Intern

- Used C# & python [Django] to develop multithreaded applications used by Big Data Analysts for cleaning raw data.

RESEARCH

ACCEPTED

International Journal of
Pharma &Bio Sciences

Image Processing - Detecting tumors in MRI scans of brains using thresholding

REVIEW

Cloud based patient monitoring system with optimization support for Healthcare Institutions

REVIEW

Optimisation of digital advertising in shopping complexes using trends identified from human activity heat maps.

PROJECTS

G I T H U B

github.com/Lalbadshah

- Voice controlled home automation system that uses basic Natural language processing on an Arduino to toggle home appliances on and off.
- Image processing module for laser guided landing system of a quad copter drone
- Using Python -Renaming files in windows, simple text processor to check for profanity and Sending a text message using an online API called Twilio
- Working with Arduino to build some IOT applications integrating with a cloud platform
- Design for Specialized phonetic keyboard to enable mutes to communicate
- Used Django to automatically create a local Database of movies and videos on a PC that the user can easily search through.
- Used Python to create backend software for controlling a hacked toy drone

SKILLS

H I G H L Y S K I L L E D

C, C++,C#, python WEB- Django, HTML,CSS,PHP

P R O F I C I E N T

MATLAB, JavaScript(Prior Experience),JAVA(Prior Experience)