Nirant Kasliwal

http://nirantk.in

nirant.bits@gmail.com | +91 77 37 887058

SKILLS

PROGRAMMING

Proficient:
Python • C
Advanced Learner:
• Javascript • jQuery • Git
• C++ • Matlab • CSS
Familiar:
• Shell • Java • MySQL
• Markdown • LaTeX

EDUCATION

BITS PILANI

MSc. (Tech.) in Information Systems
2012 - 2016 | Pilani, RJ
Cum. GPA: 8/10

LINKS

Github:// **nirantk**
LinkedIn:// **nirant**

COURSEWORK

BITS PILANI

Pattern Recognition
Machine Learning
Operating Systems
Pattern Recognition
Software Engineering
Computer Graphics + Practicum
Data Structures
Database Systems + Practicum
Object Oriented Programming & Design + Practicum

MOOC

Introduction to Algorithms, Stanford | Coursera
Introduction to Computer Science and Programming - MITx

HOBBY PROJECTS

GRAPHICAL IDE FOR C

| LAMP, JS
March 2014

GEOGRAPHIC TWITTER SENTIMENTAL ANALYSIS

| Python, Naive Bayesian
July 2014

INTERNSHIP

ZOSTEL | Web App Development

Dec 2014 – Present | Delhi, DL
- Reporting Dashboard for ZoRooms
- Built on Django (Python Web Framework) and FlotChart (JS Library)

BHASKARACHARYA INSTITUTE OF SPACE APPLICATIONS AND GEOINFORMATICS | Software Engineering

May 2014 – Aug 2014 | Gandhinagar, GJ
- Developed an in house Python application, integrated with FOSS alternative Quantum GIS
- Automated geo-referencing and image registration of satellite images.
- Saves 1500 man hours per project.

PROJECT

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION SYSTEMS | Developer

August 2014 – Present | BITS Pilani, RJ
- Built a web application to automate data collection and reporting for over 700 students and faculty
- Reduced operation time from weeks to days

PUBLICATION

CHARACTER RECOGNTION | Pattern Recognition & Machine Learning

IEEE SPS and ASPIPA Workshop on Machine Intelligence and Signal Processing | IIITD, Delhi
Improved the accuracy of character recognition in natural scene images on the standard Chars74k dataset
- Accepted to be published
- One of the 9/30 papers invited for oral presentation
- Improved upon the existing state of the art classification accuracy

VOLUNTEER

2012 - 2016	Graphic Design & Marketing	National Service Scheme
2013 - 2015	Undergrad Team	BITS Pilani Consulting Club
2012 - 2013	Design	Embryo

AWARDS

2014	1st	Protoype Presentation, APOGEE
2014	3 rd	Logo Design Competition for Golden Jubilee BITS Pilani