Nirant Kasliwal

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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: 7.9/10

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 c3 (JS Library)
- Focus on Query optimisation, and designing a reporting schema

BHASKARACHARYA INSTITUTE OF SPACE APPLICATIONS AND GEOINFORMATICS | Software Engineering

May 2014 – Aug 2014 | Gandhinagar, GJ
- Developed an application to automate geo-referencing and image registration of satellite images,
- Integrated with FOSS alternative Quantum GIS
- 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

EXTRA CURRICULARS

2014 - 2015	Co-Convener	Youth Conference, 2015
2014 - 2015	Graphic Design & Marketing Lead	National Service Scheme, BITS Pilani

SOCIETIES

2013 - 2014	Graphic Designer	National Service Scheme, BITS Pilani
2013 - 2015	Undergrad Team	BITS Pilani Consulting Club
2012 - 2013	Graphic Designer	Embryo