OMKAR PATHAK

SEEKING A RESPONSIBLE JOB WITH AN OPPORTUNITY FOR
PROFESSIONAL CHALLENGES.

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WORK EXPERIENCE

OCT 2017– JAN 2018

Data Analyst Intern at Propeluss, Pune
– Was responsible for data scraping and data gathering
– Applied machine learning techniques to extract required features from the collected data

JUNE 2017 – JULY 2017

Web Developer Intern at Softtestlab Technologies, Pune.
– Was responsible for creating an internal project for the company using PHP and Laravel for testing purposes
– Worked on a live project for creating closure reports using PHP and Excel

JULY 2017

Content Writer at GeeksForGeeks
– Selected as a technical writer
– Published 4 articles for the topics such as Data Structures and Algorithms and Python

PERSONAL PROJECTS

JULY 2017

Author of Python module 'pygorithm'
– An educational library to teach all the major algorithms

JULY 2017

Garbage Level Monitoring System
– Django framework used on server side
– Was responsible for frontend and database design

JAN 2017

Smart Surveillance System using Raspberry Pi and Face Recognition
– Face Recognition using OpenCV and Python
– Raspberry Pi was used as the data server
– User notified if any suspicious activity detected

MAR 2017	**Password Strength Evaluator using Machine Learning**
	– SVM algorithm used for training and classification
	– Flask framework used
	– Self-generated dataset

MAY 2016	**Personal Website Design**
	– Full stack web development
	– No templates used

EDUCATION

2014-PRESENT	**BE in Computer Engineering**
	Marathwada Mitra Mandal's College of Engineering, Pune.
	72% (Sixth SEM)

2012-2014	**HSC**
	Sinhgad College of Science, Pune
	78%

2002-2012	**SSC**
	Dnyanganga English Medium School
	89.81%

SKILLS

- **Programming Languages:** Python, C, C++
- **Web Technologies:** PHP, Laravel, Django, Flask, HTML, CSS, JS
- **Operating Systems:** Linux, Windows
- **Databases:** MySQL

CO-CURRICULAR ACTIVITIES

2017	**Second Prize in Technix'17**
	– IoT Project competition held by IIT-Varanasi

2016	**Participated in Avishkar Project Competition**
	– Zonal level project competition organized by SPPU

2016	**Participation in COEP MindSpark**
	– Participation in C and C++ coding competitions

2016-2017	**Second Runner Up in Innovatus**
	– A National level project competition

2016	**Third prize in <tech.h>**
	– Coding competition held at MMCOE

ADDITIONAL ACTIVITIES

JAN
2017
Workshop on IoT and Python
– Conducted a workshop for the Second Year
  students on IoT and to teach basics of Python
  programming language.

2016–2017
Volunteering in various college level activities

2016
Campaigning for college events

2016
Organizing committee member of CSI
– Computer Society of India

PUBLICATIONS

MAY
2017
**Smart Surveillance System using
Raspberry Pi and Face Recognition**
– Research Paper published in IJARCCE
  Journal
– DOI10.17148/IJARCCE.2017.64117

INTERESTS

- Competitive Programming
- Photography
- Sketching
- Reading/Writing on Quora
- Contributing to Open Source projects