OMKAR PATHAK

SEEKING A RESPONSIBLE JOB WITH AN OPPORTUNITY FOR
PROFESSIONAL CHALLENGES.

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WORK EXPERIENCE

OCT 2017– PRESENT

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