

# 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
- Applying Natural Language Processing to articles scraped from the internet to extract different entities in these articles using entity extraction algorithms and applying Machine Learning to classify these articles.

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

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## PERSONAL PROJECTS

OCT  
2017

### **Garbage Level Monitoring System**

- To find a economical and smarter alternative to current garbage problems
- Users can monitor levels of all garbage bins from a global dashboard provided

SEP  
2017

### **A Simple Note taking Web App**

- A Web app that helps you to quickly store and retrieve all your important notes at one place.

JULY  
2017

### **Author of Python module 'pygorithm'**

- An educational library to teach all the major algorithms

JAN 2017	<b>Smart Surveillance System using Raspberry Pi and Face Recognition</b> <ul style="list-style-type: none"> <li>- Face Recognition using OpenCV and Python</li> <li>- Raspberry Pi was used as the data server</li> <li>- User notified if any suspicious activity detected</li> </ul>
MAR 2017	<b>Password Strength Evaluator using Machine Learning</b> <ul style="list-style-type: none"> <li>- SVM algorithm used for training and classification</li> <li>- Flask framework used</li> <li>- Self-generated dataset</li> </ul>
MAY 2016	<b>Personal Website Design</b> <ul style="list-style-type: none"> <li>- Full stack web development</li> <li>- No templates used</li> </ul>

## EDUCATION

2014- PRESENT	<b>BE in Computer Engineering</b> Marathwada Mitra Mandal's College of Engineering, Pune. <b>75% (Seventh SEM)</b>
2012- 2014	<b>HSC</b> Sinhgad College of Science, Pune <b>78%</b>
2002- 2012	<b>SSC</b> Dnyanganga English Medium School <b>89.81%</b>

## SKILLS

- **Programming Languages:** Python, C, PHP, C++
- **Web Technologies (Front-End):** HTML, CSS, JS
- **Frameworks:** Django, Flask (Python), Laravel (PHP)
- **Operating Systems:** Linux, Windows
- **Databases:** MySQL, SQLite, MongoDB
- **Other:** Git, NLP

## CO-CURRICULAR ACTIVITIES

2018	<b>Awarded "The Best Outgoing Student Award"</b>
2017	<b>Second Prize in Technix'17</b> <ul style="list-style-type: none"> <li>- IoT Project competition held by IIT-Varanasi</li> </ul>
2016	<b>Participated in Avishkar Project Competition</b> <ul style="list-style-type: none"> <li>- Zonal level project competition organized by SPPU</li> </ul>

2016	<b>Participation in COEP MindSpark</b> - Participation in C and C++ coding competitions
2016-2017	<b>Second Runner Up in Innovatus</b> - A National level project competition
2016	<b>Third prize in &lt;tech.h&gt;</b> - Coding competition held at MMCOE

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## ADDITIONAL ACTIVITIES

JAN 2017	<b>Workshop on IoT and Python</b> - Conducted a workshop for the Second Year students on IoT and to teach basics of Python programming language.
2016-2017	<b>Volunteering in various college level activities</b>
2016	<b>Campaigning for college events</b>
2016	<b>Organizing committee member of CSI</b> - Computer Society of India

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## PUBLICATIONS

MAY 2017	<b>Smart Surveillance System using Raspberry Pi and Face Recognition</b> - Research Paper published in IJARCCE Journal - DOI10.17148/IJARCCE.2017.64117
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## INTERESTS

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