

# Sukhada Ghewari

## Machine Learning Enthusiast

Graduated from **WCE, Sangli** with CGPA of **9.45** in 2019. I have a great learning drive and critical thinking ability. I served as '**Session Director**' for a year at **WCE ACM Student Chapter**, which helped me enhance my leadership and public speaking skills along with the technical knowledge. My area of interest lies in **ML** and its interdisciplinary applications, **NLP, CV**. These skills helped me earn an ML internship at **AlgoAnalytics**. I wish to pursue a career which will demand excellence in my interest and will serve for the betterment of the community.

### Personal Info

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**E-mail**  
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**Date of birth**  
14 Jul 1997

**GitHub**  
<https://github.com/sukhada14>

**LinkedIn**  
<https://www.linkedin.com/in/sukhada-ghewari/>

### Skills

C	C++
Java	Python 3
Machine Learning	Computer Vision
NLP	Image Processing
Jupyter Notebook	MySQL
HTML/CSS	JavaScript

### Interests

**Technical:**  
Machine Learning  
  
Computer Vision  
  
Natural Language Processing  
  
Data Structures and Algorithms

**Non Technical:**  
Reading  
  
Street plays and dramas  
  
Poetry

### Additional Activities

**Mar 2019 - present**  
**Volunteer, Door Step School**  
*I teach elementary subjects to the children living in slums and construction sites.*  
DSS is an NGO in Pune which aims to bridge the gap by bringing education to the “Doorstep” of underprivileged children

**Presenter**  
*Delivered a session to the junior fellows in the college, regarding the preparation of GRE, TOEFL and MS.*

**Mar 2017**  
**Organizer, Jagruti**  
*Member of the organization team.*  
It is a program held by WCE ACM Student Chapter that teaches homemakers the usage of digital gadgets.

**Jan 2017**  
**Volunteer, SITAC**  
*Taught school kids fundamentals of CS.*  
SITAC (Social IT Awareness Campaign) is an event organized at WCE, Sangli.

### Education

**Jul 2015 - May 2019**  
**Walchand College of Engineering, Sangli**

- B.Tech in Computer Science and Engineering with CGPA of **9.45**.
- Consistently ranked among top 3 students in the class.
- Excelled in **Machine Learning and Data Structures** by undertaking innovative projects along with theory subjects.

**Jul 2013 - Jun 2015**  
**Rajaram College, Kolhapur**

- Completed H.S.C with **90.89%** in PCM (Physics, Chemistry, Mathematics).
- JEE (Joint Entrance Examination) Percentile: **98.39%** .

**Jun 2007 - May 2013**  
**Usharaje High school, Kolhapur**

- Completed S.S.C with **98.55%** .
- First rank in Kolhapur Board**, fourth rank in Maharashtra State Board.
- First rank in English in Maharashtra State Board.

### Experience

**Jan 2019 - present**  
**Machine Learning Intern**  
*AlgoAnalytics Pvt. Ltd. Pune*

- Successfully completed two projects in machine learning and natural language processing domain.
  - FAQ Automation using NLP Techniques
  - Semi-automated ICD-9 Coding
- Contributed in writing a research paper on ICD-9 Coding.
- Gained a valuable experience of working in a team and meeting project deadlines.

### Projects

**Jul 2018 - Apr 2019**  
**Generating dense description of images (captioning)** *NLP, CNN, LSTM*  
A novel way of generating rich captions for an image using stacked CNN and RNN and multimodal space embedding.

**Jan 2018 - May 2018**  
**Agrosmart: Shaping tomorrow's future** *CNN(keras), Android*  
A smart way to predict crop disease in early stage to cure accordingly and increase the productivity of crops.

**Mar 2018 - May 2018**  
**Hand Segmentation in the given image** *Image Processing (OpenCV)*  
Color-based segmentation of hand in the image for further application.

**Jul 2017 - Dec 2017**  
**Cancer Classification for Personalized Medicine** *ML(sklearn) NLP*  
Classification of Cancer into the defined classes using genetic mutations data to enable personalized medicine to automate manual interpretation of genetic mutations.

**Sep 2016 - Dec 2016**  
**Create index like data structure of a book** *Data Structures (Augmented BST), C*  
Modified Binary Search tree implemented in C. BST used for storing major terms, its sub terms and page numbers

### Certificates

**May 2019**  
Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning by deeplearning.ai

**Apr 2019**  
Internshala Data Science Training

**Jan 2019**  
Datacamp Python and ML specialization track

**Nov 2018**  
Deep Learning Specialization by deeplearning.ai (1. Neural Networks and Deep Learning 2.Improving Deep Neural Networks, 3. Structuring ML projects )

### Achievements

Consistently in **top 3 students** in the college.

**GRE:** 324   **TOEFL:** 111

Appointed as **Session Director** at WCE ACM Student Chapter.

**Runner Up:** WCE ACM Research Symposium, a national level symposium held at WCE.

**Winner:** Language Proficiency Test by Rotaract Club, WCE, Sangli.

Selected into second round of **E-Yantra** organized by IIT-B

**Finalist** in many competitive coding competitions held in the college.