ASHWIN PHADKE

Address:	504/B, Shaniwar Peth,Pune 411030
Contact No:	+919860386639/9403789106
Email ID:	ashwinphadke1@gmail.com
Website:	ashwin-phadke.github.io

Professional Summary:

Junior AI and Machine Learning Engineer with a 1.2+ years of experience developing solutions using computer vision techniques and NLP to deliver robust and end-to-end solutions improving algorithm and computational efficiency for the enterprise.

Education:

Degree	Year Of passing	Percentage of Marks
B.E Electronics and Telecommunication	2018	64.20
Higher Secondary School	2013	64
Secondary School Certificate	2011	83.45

Date of Birth: 10th April 1995

Skills:

Languages	Tools	Technologies	Operating Systems
- Python - Java - C, C++ - JavaScript - Rust(intermediate) - Web Stack - SQL	- Scikit-learn - Tensorflow - Keras, Caffe - OpenCV - Jupyter Noteboks - Numpy - PyTorch - Watson API's - Api.ai - Git, Bugzilla	- Algorithms - Design and Development - Feature Engineering - AWS	- Linux - Windows

Coursework:

- C/C++ - IIT Bombay Spoken Tutorials.
- Android application development and networking – Udacity.
- AI and Computer Vision(Ongoing) - Udacity

- Python 3 – SoloLearn platform.
- Java – Sololearn platform, Udacity.
- Computer Networks – Udacity
- Principles of Machine Learning(non-audit) – edX

Professional Experience:

Cynapto Technologies – Jr. Engineer AI and Deep Learning
August 2018 – Present
- Design, Implemented and supervised the development of computer vision algorithms for products.
- Improving computational and algorithmic compatibility for large-scale system distribution.
- Develop in sensor and embedded based image processing along with system architecture design using monocular and multi-cameras computer vision solution.
- Improving efficiency using updated technologies and trends for robust applicability.
- Develop new algorithms tailored to range of products for improved human-computer interaction and analytics.
- Worked on tuning, training and modelling algorithms on large datasets accounting to 300GB+.
- Integrate feature engineering from various CV tools and techniques for training the models efficiently increasing the accuracy up to 81%.

Academic Projects:

IoT and AI based Smart Breach Prevention System:
- A smart solution to securing bank lockers using multi-level authentication system based on Geofencing, Biometric scan and OTP verification with safeguards using OpenCV based face detection and recognition with real-time notification on web portal and face capture. Google assistant support for differently abled and ease of use using IBM Watson and chatbot integration.

Healthcare Informatics using Aadhaar (Social Security Number in USA)) and Biometrics:
- A system to bring healthcare on a universal platform for all medical data of a person with biometric authentication using a real-time web portal and hybrid app for managing data by staff, patients and doctors with medical history, medical data, previous treatments, vaccinations and analytics using the data.

Online Examination Portal:
- End-to-end data analytics solutions for improving student grades using a cross-platform portal to conduct in house multiple choice questions examinations.

RFID based Library Management System:
- Real-time database with student cards to identify and manage entire college library and all of its function through developed software.

Contributions:

- Delegate: India Tech Conclave
- Speaker : Computer Vision and Machine Learning -- COEP Mindspark18
- Speaker : Cyber Security Workshop – P.E.S Modern College of Engineering, Pune
- Speaker: Open Source Technologies – COEP, Pune.
- Mozilla Firefox community member, volunteer, developer and QA.
- Finalist: Smart India Hackathon – Govt. Of India
- IoT Hackathon.

Additional Skills;

Languages: English, Hindi, Marathi and German - Elementary.

Personal Interests:

College Club Reporter Maharashtra Times newspaper (Pune), Rotary(Rotaract) Club,

Badminton, Cycling, Tech meetups.