

Ankit Chopade

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PROFILE

Highly enthusiastic Data Scientist with strong math background and having hands-on experience in developing and using predictive modeling, data processing, and data mining algorithms. Deliver valuable insights via data analytics and advanced data-driven methods. Built additional Data Science capabilities via online courses, off-campus courses and volunteering efforts.

EDUCATION

- **Shri Guru Gobind Singhji Institute of Engineering and Technology** *Nanded, IND*
Bachelor of Technology in Computer Science and Engineering; CGPA : 8.17 *Aug. 2015 -- May. 2019*

PUBLICATIONS

- Ankit Chopade, "Seven Class Classification of Skin Lesions by using Incremental Convolutional Neural Network in Python", accepted in *Elsevier ICAEEC 2019*.
- Ankit Chopade, "Classification of Skin Lesions by using Extended Incremental Convolutional Neural Network" accepted in *IEEE ICICT 2019*

SKILLS & RELEVANT COURSEWORK

- **Languages:** Python(dash, plotly, matplotlib, keras, sklearn), Java, SQL, PHP, C, JavaScript
- **Techniques:** Deep Learning, Machine Learning, Data Science, Computer Vision, Data Structure & Algorithms
- **Tools/Packages:** ETL, OpenCV, Spring, Hibernate, Maven, Latex, RPA-Ui Path, Oracle, Tableau, Sybase, Hadoop, Tensorflow
- **Courses:** Probability and Statistics in Data Science using Python, Python for Data Science, Python of Research, Cyber Security, Distributed Computing, Artificial Neural Network

EXPERIENCE

- **Data Scientist Intern** Fusion Informatics Limited *Mar. 2019 -- May. 2019*
 - Work on ETL process, Business Intelligence Tools-Tableau and formulated Key Performance Indicators based on data
 - Developed dashboards for many domains like Social Media and developed modules for Business Intelligence Tool AI-Mind
- **Assistant System Engineer-Trainee** Tata Consultancy Services *June. 2019 -- Present*
 - Working for Morgan Stanley as unix and database developer. I have developed and debug the stored procedures to resolve the issues faced. I am involved in Code level investigation of the Autosys jobs which are in UNIX Shell Scripting and SQL.
 - Prepared the report specifications and database designs to support reporting requirements.

PROJECTS

- **COVID-19 Predictions, Visualization, Comparison and Analysis** *March, 2019 -- Present*
Technology: Python(matplotlib, pandas, numpy), sklearn, keras, tensorflow
 - We are developing the Deep Learning model which can classify the X-ray images as Carona positive or negative with more than 90% of accuracy.
 - We are analyzing the daily [CSSEGISandData](#) data based on confirmed positive cases, number of deaths, and number of recoveries. We are developing a robust predicting model that can predict future cases.
- **Chennai Water Management** *Feb, 2019 -- June, 2019*
Technology: Python(matplotlib, pandas, numpy)
 - Visualize the water need / usage of the city, Identify whether the water sources availability will be able to meet the needs till the subsequent monsoon, How bad is the current water crisis compared to previous years.
- **Analyzing Space Launches with Python** *June. 2018 -- Dec. 2018*
Technology: Python(seaborn, matplotlib, pandas, numpy)
 - The launches done by various countries are analyzed on various distinct parameters like launch dates, mission, type, agency, etc and four conclusions are drawn. The launch agencies are also analyzed on parameters like count of launches, type
- **Paperless Submission** *Aug. 2017 -- Nov. 2017*
Technology: HTML, CSS, JavaScript, Bootstrap, Java, JSP
 - Students can compile and run different types of programming languages (C, C++, Java, Python, HTML, CSS, JavaScript, PHP, MySQL) source code and can store their daily assignments provided during the practical sessions online. Faculty can access the status of assignments of students by providing online grades automatically based on the Test Cases.

VOLUNTEER ACTIVITIES & OTHER INTERESTING THINGS TO KNOW ABOUT ME

- **President** *Utsav 2018* Leads the event, manages the overall organization of more than 500 members and schedules.
- **Student's Co-ordinator** *Pragyaa 2017* Planned and managed on ground activities and supervised more than 100 member crew.