

YASH INDULKAR

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PERSONAL STATEMENT

Pursuing Master of Science (MSc) from TCSC (University of Mumbai) in Information Technology, also working as IT Associate in ICICI Prudential Life Insurance under IT Customer & Distribution System, having a solid research background in areas such as CNN, Bayesian Deep Learning, GAN, Computational Linguistics. More broadly, inquisitive about NLP & Computer Vision with an approach to optimize and increase efficiency, speed & accuracy.

EDUCATION

Expected in Apr 2022

Master of Science: Information Technology

THAKUR COLLEGE OF SCIENCE & COMMERCE | Mumbai, India

Continuing education in MSc-IT Part II completed Part I with a **10/10 CGPA**.

Oct 2020

Bachelor of Science: Information Technology

THAKUR COLLEGE OF SCIENCE & COMMERCE | Mumbai, India

Completed UG with **9.13/10 CGPA**.

PROFESSIONAL EXPERIENCE

Jul 2020 - Current

IT Associate Manager

ICICI Prudential Life
Insurance Mumbai, IN

- Performed server backups and changed and replaced backup tapes daily along with database re-indexing.
- Patched software and installed new versions to eliminate security problems and protect data.
- Maintained servers and systems to keep networks fully operational during peak periods.
- Collaborated on 112 enhancements with 38 significant developments throughout different SDLC and maintained optimization of products.
- Used Microsoft SQL and Oracle SQL for firing queries, handling 17 different APIs, along with deploying various containers & schedulers.

May 2020 - Jul 2020

IT Intern

ICICI Prudential Life
Insurance Mumbai, IN

- Supported team needs with system analysis, service requests, and communicative abilities.
- Analyzed & clarified computer user's problems with technical issues remotely and at workstations.

Aug 2018 - Dec 2019

Data Entry Expert

Sagar Dairy Farms

Mumbai, IN

- Collaborated on three enhancements related to OCR, SIT & API.
- Compiled data and reviewed information for accuracy before input.
- Obtained scanned records and uploaded them into the database.
- Evaluated source documents to locate information needed for each data entry field.

PUBLICATIONS

Published in peer-reviewed journals & conferences

1. **Y. Indulkar** and A. Patil, "**Sentiment Analysis of Uber & Ola using Deep Learning**," 2020 International Conference on Smart Electronics and Communication (ICOSEC), Trichy, India, 2020, pp. 21-27.
2. J. Anthal, **Y. Indulkar**, A. Upadhyay, A. Patil, **Twitter Sentimental Analysis & Algorithm Comparison for Uber & Ola Using 'R'**, Vol. 13 No. 1s (2020): Vol. 13 No.1s (2020) Special Issue.
3. Anthal J., Upadhyay A., Patil A., **Indulkar Y.** (2021) **Effects of Uber and Ola on SVM and Naïve Bayes**. In: Second International Conference on Information Management and Machine Intelligence. Lecture Notes in Networks and Systems, vol 166. Springer, Singapore.
4. **Y. Indulkar**, "**Time Series Analysis of Cryptocurrencies Using Deep Learning & Fbprophet**," 2021 International Conference on Emerging Smart Computing and Informatics (ESCI), Pune, India, 2021, pp. 306-311.
5. **Y. Indulkar**, "**PUBG Winner Ranking Prediction using R Interface 'h2o' Scalable Machine Learning Platform**," 2021 International Conference on Emerging Smart Computing and Informatics (ESCI), Pune, India, 2021, pp. 300-305.
6. **Y. Indulkar** and A. Patil, "**Comparative Study of Machine Learning Algorithms for Twitter Sentiment Analysis**," 2021 International Conference on Emerging Smart Computing and Informatics (ESCI), 2021, pp. 295-299.
7. **Y. Indulkar**, "**Alleviation of COVID by means of Social Distancing & Face Mask Detection Using YOLO V4**," 2021 International Conference on Communication information and Computing Technology (ICCICT), 2021, pp. 1-8.
8. **Indulkar, Yash**, and Abhijit Patil. "**Comparative Study for Neural Image Caption Generation Using Different Transfer Learning Along with Diverse Beam Search & Bi-Directional RNN**," United International Journal for Research & Technology.

Under Publication manuscripts for journals

9. **Indulkar, Yash**, and Abhijit Patil, "**Image Generation & Conversion to Super Resolution using Deep Convolutional GAN & Super Resolution GAN**," submitted to International Journal of Scientific Engineering & Applied Science.
10. **Indulkar, Yash**, "**Conditional Generative Adversarial Network to Generate Conditioned Images using MNIST Fashion Dataset**," submitted to United International Journal for Research & Technology.

ARTICLES & STORIES SUBMITTED

Towards Data Science (TDS) a Medium Publication

1. Sentiment Analysis of Uber & Ola using Deep Learning
2. Twitter Sentiment Analysis & Algorithm Comparison for Uber & Ola using 'R'
3. Effects of Uber & Ola on SVM & Naïve Bayes
4. PUBG Winner Prediction using R Interface 'h2o' Scalable Machine Learning Platform

Analytics Vidya

5. Time Series Analysis of Cryptocurrencies using Deep Learning & Fbprophet

Analytics Vidya (Blogathon-8)

6. Alleviation of Covid by means of Social Distancing & Face Mask Detection using YOLO V4

PRESENTATIONS

Oral Presentations

1. Conference Presentation for **International Conference on Computing technologies for Transforming the Automated World (ICCTAW-2020)**, Mumbai, India.
2. Conference Presentation for **International Conference on Information Management & Machine Intelligence (ICIMMI-2020)**, Jaipur, India.
3. Conference Presentation for **International conference on Smart Electronics and Communication (ICOSEC-2020)**, Trichy, India.
4. Conference Presentation for **3rd IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2021)**, Pune, India.
5. Origin 2021 Presentation for **Thakur College of Science & Commerce (TCSC)** held by Department of Mathematics & Statistics.
6. Presentation for **Deep Learning Algorithms & Applications**, held by **Thakur College of Science & Commerce** for **AI is the Future** seminar, Mumbai, India.
7. Conference presentation for **2nd International Conference on Communication, Information and Computing Technology (ICCICT-2021)**, Mumbai, India.

GRANTS & AWARDS

1. **Certificate of Merit** - Department of Mathematics and Statistics (TCSC) May 2021
2. **Won Best Paper of the Session** - PUBG Winner Ranking Prediction using R Interface 'h2o' Scalable Machine Learning Platform March 2021
3. **Origin** - 1st Prize for Information Technology Department in collaboration with science association March 2021
4. **Certificate of Merit** - Department of Mathematics and statistics (TCSC) June 2020

5. **Won Kaggle Competition** - Using Computer Vision for Object Tracking with the help of YOLO July 2021
6. **Scholarship** - Awarded by Department of Information Technology (580 CAD) for Excellent Student FY 2019-2020.

PROFESSIONAL MEMBERSHIPS

- Analytics Vidya Creators Club
- IEEE Young Professionals
- IEEE Computational Intelligence Society
- IEEE Computer Society

CERTIFICATIONS

- **Coursera** - Building Scalable Java Microservices with Spring Boot and Spring Cloud
- **NPTEL** - Introduction to Machine Learning | IITKGP
- **Aptech** - Enterprise Application Development in Java
- **Skyfi Labs** - Machine Learning using Python

TECHNICAL SKILLS

- | | |
|-----------------------|-------------------------|
| • Machine Learning | • Quantitative Analysis |
| • Python/Scikit-learn | • Oracle/SQL Server |
| • Data Visualization | • Data Warehouse/ETL |

LINKS

- <https://www.linkedin.com/in/yashindulkar/>
- <https://yashindulkar.github.io/>
- <https://yashindulkar.medium.com/>

REFERENCES

Dr. S.K. Singh, Professor, and Head of Department

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Jyotsna Anthal, Assistant Professor

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