

JIMIT DHOLAKIA

Stony Brook, NY | +1 (631) 710-9259 | jdholakia@cs.stonybrook.edu
<https://www.linkedin.com/in/jimit105> | <https://github.com/jimit105> | <https://jimit105.medium.com>

EDUCATION

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| Stony Brook University , Stony Brook, NY | August 2021 – December 2022 (Expected) |
| <i>Master of Science in Computer Science</i> | GPA: NA/4 |
| Relevant Coursework: Data Science, Analysis of Algorithms, Computer Networks, Human-Computer Interactions | |
| KJ Somaiya College of Engineering , Mumbai, MH, India | July 2014 – May 2018 |
| <i>Bachelor of Technology in Computer Engineering</i> | CGPA: 9/10 |
| Relevant Coursework: Machine Learning, Object-Oriented Programming, Database Management Systems, Data Structures, Algorithms, Big Data Analytics, Operating Systems, Software Engineering, Software Project Management | |

SKILLS

Python, Data Science, Machine Learning, Deep Learning, NumPy, Pandas, scikit-learn, Keras, TensorFlow, PyTorch, OpenCV, spaCy, Hive, MongoDB, SQL, Flask, FastAPI, Git, Docker, Linux, Agile Methodologies

WORK EXPERIENCE

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| Stony Brook University , Stony Brook, NY | August 2021 – Present |
| <i>Teaching Assistant</i> | |
| <ul style="list-style-type: none">Conducting weekly office hours and grading Python assignments & projects for Digital Intelligence, a class of 600 students | |
| Jio Platforms Limited , Mumbai, MH, India | July 2018 – July 2021 |
| <i>Data Scientist</i> | |
| <ul style="list-style-type: none">Implemented Document Validation System to automatically validate various fields using Python, OpenCV, OCR, Fuzzy String Matching, and Kafka which reduces the time taken from 15 mins to 2 mins and processes >5000 documents dailyArchitected and devised an algorithm within 3 sprints to find potential duplicates from Material Master Data which is estimated to have 10-40% savings and reduces the efforts of the MDM users by 50%Developed Intelligent Incident Management System using Natural Language Processing techniques such as cosine similarity and gensim embeddings to achieve an average response time of 20 millisecondsBuilt a prediction model for MRO Materials using Machine Learning with an accuracy of 90% for 95% of materialsCreated a service for RF Hospital using NLP & Trie to search for medications with a mean response time of 30 millisecondsManaged a team of 5+ interns by guiding and mentoring them for their assigned projects | |

ACADEMIC PROJECTS

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| Salary Prediction by Job Title (Stony Brook University) | October 2022 – Present |
| <ul style="list-style-type: none">Developed a model to predict the salaries by using Natural Language Processing techniques on Job Title and combining it with ordinal features such as Education Levels using Machine Learning Algorithms which has an R^2 Score of 0.89 | |
| Personalized Web Search based on User Profiling (KJ Somaiya College of Engineering) | July 2017 – March 2018 |
| <ul style="list-style-type: none">Implemented Topic Modeling using Latent Semantic Indexing (LSI) and word2vec models; dynamically created hierarchical clusters of browsing history to re-rank the Search Engine Results Page for personalized search results | |

PUBLICATION

Mining User's Browsing History to Personalize Web Search, 2018 ICICCT, pp. 1209-1215, IEEE. [\[Link\]](#)

CERTIFICATIONS

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| <ul style="list-style-type: none">Jio Certified Cloud Computing Practitioner (Jio Platforms Limited) | June 2021 – June 2022 |
| <ul style="list-style-type: none">Deep Learning Specialization (deeplearning.ai / Coursera) | June 2020 |
| <ul style="list-style-type: none">Python for Everybody Specialization (University of Michigan / Coursera) | August 2018 |

HONORS & ACHIEVEMENTS

- Awarded with the R-Sammaan Recognition Awards by multiple senior leaders for designing and implementing projects that solve complex business use-cases and delivering optimal results (Jio Platforms Limited / Reliance Industries Ltd.)
- Top Performing Internshala Student Partner (ISP) among 2191 ISPs from all over India (Internshala)