

Sanket Deshmukh

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OBJECTIVE

To take up new challenges to utilize my knowledge and intelligence for personal and organization's growth

EDUCATION

UNIVERSITY OF UTAH

MS IN COMPUTER SCIENCE

Expected May 2018 |

Cum. GPA: 3.88 / 4.0

VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE

B TECH IN ELECTRONICS AND

TELECOMMUNICATION

May 2014 | Pune, India

Cum. GPA: 9.25 / 10.0

HONORS IN EMBEDDED SYSTEMS DESIGN

May 2014 | Pune, India

Cum. GPA: 9.40 / 10.0

SKILLS

PROGRAMMING

Python (Pandas, SkLearn, PyQt, TensorFlow, Numpy) • ShellScript • C • SQL(SQLite, MySQL) • MATLAB • Core Java • R • JavaScript(CasperJS), HTML • CSS • Ruby • Rails

OPERATING SYSTEMS

Linux • Windows

VERSION CONTROL

• Git

CI PLATFORM

Jenkins CI • Travis CI

SOFTWARE TOOLS

QtDesigner • Microsoft Excel • IPython Notebook • VM player

LANGUAGES

English • Hindi • Marathi

LINKS

Github:// sanketd11

LinkedIn://in/sanket-deshmukh-1b85b756

COURSEWORK

GRADUATE

Machine Learning

Natural Language Processing

Advance Algorithms

Data Mining

UNDERGRADUATE

Data Structures and Algorithms

Computer Architecture & OS

Embedded Systems

Digital Image Processing

Coding and Compression Techniques

EXPERIENCE

UNIVERSITY OF UTAH | RESEARCH ASSISTANT

March 2017 – Present

- Develop an UI for analysis of Multi Angle Snowflake Camera data products
- Refine the operation and documentation of the Multi Angle Snowflake Camera hydrometeor identification algorithm
- Develop improved techniques for automated hydrometeor classification

MU SIGMA BUSINESS SOLUTIONS | DECISION SCIENTIST

August 2014 – June 2016 | Bangalore, India

QA and Automation

- Worked on Manual and Automated testing of the web applications- 'RCloud' and the Machine Learning Platform (An interactive web based application for implementing various machine learning algorithms with help of various widgets)
- Designed and developed automated test suites for various features of RCloud including UI and functionality using CasperJS and SlimerJS. Worked on setting up the automation testing with continuous integration platforms like Jenkins CI and Travis CI
- Managed the project subgroup (RCloud QA and automation) for more than a year

Data Analysis (Natural Language Processing)

- Worked on Similarity analysis of text documents based on LSA (Latent Semantic Analysis)
- CUDA (Continuous Unstructured Data Anonymization): Used OpenFST API for masking sensitive personal data of the customers in text documents
- Developed grammar files for masking sensitive data (telephone number, credit card number, SSN number, etc.)

PROJECTS

SENTIMENT CLASSIFICATION OF TRAVEL DESTINATION REVIEWS |

MACHINE LEARNING (PYTHON) | FALL 2016

Implemented various Machine Learning Classification algorithms including SVM, Logistic Regression and Naïve Bayes on the extracted features for prediction of sentiment (positive/negative) of the given review text.

COREFERENCE RESOLUTION SYSTEM | NLP (PYTHON) | FALL 2016

Worked on resolution of correct antecedent (prior reference noun phrase) for the anaphora (noun phrases that have prior reference) in the unstructured text document.

INTELLIGENT BLOOD SAMPLE ANALYZER | B TECH FINAL PROJECT

(MATLAB) | SPRING 2014

Designed an algorithm for detecting and finding out the counts of various blood components that includes RBC, WBC, platelets along with detecting Sick Cell Anemia Condition and Malaria parasites in blood cells using Image Processing.

AWARDS AND RECOGNITIONS

- Decision Scientist Beginner Certification from MSU (Mu Sigma University) | June 2016
- Spot Award for exceptional work in Automated Testing (Mu Sigma) | Aug 2015
- First Prize in national level event Line Tracer Robot Race Event, VIT, Pune | March 2012