

Vaishnavi Deshpande

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EDUCATION

University of Pittsburgh

Master of Science in Information Science

Pittsburgh, PA

August 2017-April 2019

Relevant Coursework: Machine Learning, Advanced Database Management Systems, Artificial Intelligence,Natural Language Processing,Data Analytics, Data Mining, Algorithm Design,Human Information Processing,Decision support and analysis

PES University

Bachelor of Engineering in Information Science

Bangalore, India

July 2011 - May 2015

Relevant Coursework: Analysis & Design of Algorithms, Data Structures using C, Operating Systems, Pattern Recognition,Software Engineering,Web Technologies,Computer Networks

SKILLS

- **Programming and Web Technologies:** Python, C++,Java, SQL,MongoDB,Neo4j,HTML,CSS
- **Libraries & Technologies:** Scikit-Learn, Numpy, Pandas, TensorFlow,Jupyter,CoreNLP,NLTK,Gensim,Word2Vec,Glove,Linux,GitHub

EXPERIENCE

Mylan .Inc

Co-op (Enterprise Resource Planning),CIO

Cannonsburgh, PA

Aug 2018 - Dec 2018

- **Epilogue Software:** Focused on training the new joiners, helped in integration, mitigation and acquisition of new software and tools used in SAP team.
- **Cloud support:** Utilized analytics to enable company to understand employee performance within target application and make data-driven decisions based on this information by providing in-application,context-sensitive support to the users with enterprise class cloud performance solution.
- **Big Data foundation:** Improved user adoption, enhanced user proficiency and collaborated closely with the team to build a strong big data foundation.

Mylan .Inc

Intern,CIO

Cannonsburgh,PA

May 2018 - Aug 2018

- **Enterprise resource planning:** Supported initiatives including Global ERP (Enterprise resource planning software), PPM (Project Portfolio Management) including execution, tracking, reporting and budget consolidation resulting in 25% reduction in costs.Also facilitated the project status communications across IT and Business stakeholders.
- **Project Management:** Developed Project Management Catalog with templates for each phase of Project Development Life Cycle to help the team and project managers for future reference and analyzed the projects data.
- **Portfolio Management:** Consolidated the resources requirements, budget forecast, deviations and report to the Global ERP team and CIO and reviewed the Project status reports for the entire project portfolio.

Accenture Services Private Limited

Application Developer

Mumbai, India

Oct 2015 - Sep 2016

- **Developer:** Resolved customer issues by establishing solutions and workarounds by debugging and creating defect fixes.
- **SLA Adherence:** Worked in SAP Forms & Processes, Workflow teams and resolved incidents with extremely satisfied feedback from users. Also met service level agreement(SLA) adherence.
- **Documentation:** Analyzed requirements and used systematic approaches to implement and document the tasks.

MAJOR PROJECTS

- **Model-free Reinforcement Learning:** Solved the Pacman problem, where the agent tries to get to the goal state by moving through the search space using multi agent search and Q-learning.
- **Formality Style transfer:** Applied techniques to evaluate the formality of text using copy enriched sequence to sequence models with recurrent neural networks and CNN.
- **Sentiment Analysis:** Implemented regression, classification techniques and built a model for predicting product reviews to recommend products to the users.
- **Automatic Text Summarization:** Applied Natural language processing techniques to compress larger original text into shorter text to generate a summary.
- **Predicting the user ratings for businesses using yelp data-set :** Predicted the rating of businesses listed in the Yelp data-set based on review text used by Yelp to evaluate user reviews using regression.
- **Animal shelter database:** Built data marts for animal shelter database.

CERTIFICATIONS

- Information Technology Infrastructure Library Foundation Certification-AXELOS
- Data Science Foundations Specialist-IBM
- Neural Network and Deep Learning -Coursera (deeplearning.ai)
- Machine Learning with Big Data -Coursera