

Geet Pithadia

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EDUCATION

Master of Applied Computing

September 2019 – Present

University of Windsor, Windsor, ON

Courses Undertaken: Advanced Algorithms Concepts, Advanced Software Engineering Technology, Applied Artificial Intelligence, Advanced Database Topics.

Bachelor of Engineering, Information Technology

July 2013 – May 2017

Gujarat Technological University, Ahmedabad, India

GPA: 8.45

SKILLS

Languages: Java, J2EE, Python, JavaScript, TypeScript

Database Technologies: MySQL, MongoDB

Tools: Eclipse, PyCharm, Jupyter Notebook, Spyder, MS Office, IntelliJ, Jira, GitHub

Web Technologies: HTML5, CSS, Angular 6, ReactJS (Beginner)

Cloud Technologies: IBM Cloud (Beginner)

WORK EXPERIENCE

Infosys Pvt. Ltd, Bengaluru, India

June 2017 – June 2019

Systems Engineer (**Infosys Research & Development**)

- Worked with Infosys Center of Excellence which is a R&D partner at Infosys to contribute for **Infosys Enterprise Data Privacy Suite (iEDPS)**.
- Developed and deployed the Web Application and Desktop Application for iEDPS using technologies and frameworks like **Eclipse RCP, Angular 6, SpringBoot**, and **Apache Tomcat**.
- Improved the performance of the web application significantly scaling from **seconds to milliseconds** by working on changing the database structure.

ACADEMIC PROJECTS

Cricket Match Analysis & Prediction

January 2020 – March 2020

- Analyzed and visualized cricket match data while predicting the chances of a team to win using the algorithm of Logistic Regression and Random Forest.
- Compared the accuracy of the model developed using Logistic Regression and Convolution Neural Network.
- Technologies and Libraries used: **Python, Matplotlib, TensorFlow, Pandas, Scikit-learn**

Jobs Trend Analysis

February 2020 – March 2020

- Built a scraper to scrape the job postings from various websites like Indeed.com, Monster.com.
- Analyzed and visualized the change in the job market trend for Information Technology sector.
- Built a recommender system to recommend the skills based on the aspired job position.
- Technologies, Libraries, and Database used: **Python, Matplotlib, Pandas, MongoDB**

Internship Progress Tracker

October 2019 – November 2019

- Developed a full stack application which calculates the probability of a student to get internship for a specific position in a desired company using statistical probabilistic model.
- Designed the database to track the changes in the student profile for constantly updated probabilities.
- Built a dashboard to get clear insight from the data by representing them in a graphical manner.
- Technologies and Database used: **Python, Flask, ReactJS, MongoDB**.

- Built a full stack web search engine leveraging the concepts of Data Structures and Algorithms.
- Coded the functionalities such as web crawler, search suggestion, query correction and page ranking mechanism.
- Improved the query processing and search results return time to few milliseconds.
- Technologies and Concepts used: **Java, Angular 6, Trie, HashMap, and TF-IDF** (Term Frequency Inverted Document Frequency).

ACTIVITIES AND ACHIEVEMENTS

- Honored with **INSTA AWARDS** for outstanding performance for the quarter (June'18 – Sept'18) while working at Infosys Pvt. Ltd.
- Volunteered for the **ICPC** (International Collegiate Programming Contest) event in November 2019.
- Guided and accustomed incoming students of the university to ensure their soft transition from their home country to Canadian environment.
- Influenced high school students as part of **Digital Citizenship** program of **Microsoft Community Day**.
- Participated in **Environmental Expedition Program** by Nature Club, Gujarat, India for 10 days to raise awareness regarding climate change.

CERTIFICATIONS

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|----------------------------------------------|---------------------|
| • Machine Learning | Coursera (Pursuing) |
| • Deep Learning: Convolution Neural Networks | Udemy (Pursuing) |
| • Python for Data Visualization | LinkedIn Learning |
| • Learning MongoDB | LinkedIn Learning |
| • BigData Foundations | LinkedIn Learning |