# Meet Shah

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## EDUCATION

**MS in Computer Science (3.61/4)**      **University of Texas at Dallas**      **Aug 2018 - May 2020**
Courses: Machine Learning, Implementation of Data Structures and Algorithms, Database Design.

**BE in Computer Engineering (8.55/10)**      **LDRP-ITR, Gandhinagar, India**      **July 2014 - May 2018**
Courses: Data Structures, Operating Systems, Web Technology, Big Data Analytics, Internet of Things, Artificial Intelligence.

## SKILLS

**Languages:** Java, Python, R, C, C++, Perl, UNIX Shell Script      **Databases:** SQL, MySQL, PostgreSQL, SQLite

**Data Science:** Pandas, scikit-learn, Keras, Hadoop, Spark      **Tools:** Eclipse, Git, Jupyter Notebook, IntelliJ IDEA

**Web Technologies:** HTML, CSS, Bootstrap, JavaScript , jQuery, PHP, Node.js, XML, Django, MongoDB, RESTful web services

## EXPERIENCE

**Intern, Lintel Technologies Pvt Ltd, Ahmedabad, India**      **Dec 2017 – May 2018**

- Developed a system to integrate the databases of admin and agent on the existing Contact Center Dialer Application for CRM.
  **Tech Worked:** Python 3.6, Django, Node.js, PostgreSQL, Redis Memory Framework.

**Intern, SpyWeb Solutions Pvt Ltd, Ahmedabad, India**      **June 2017 - Aug 2017**

- Developed an android app which controls all the devices of home and store its data on cloud for further analysis.
  **Tech Worked:** Android Studio**,** Eclipse IDE, Java 8, MySQL.

## PROJECTS

**Article Duplicate Detection in Different Languages, Big Data Analytics**      **Mar 2019 – May 2019**

- Built a system to detect the content duplication of Articles and News of same events in different languages to reduce redundant information irrespective of any language.
  **Tech used:** Apache Hadoop, Spark, Apache Kafka, Python, Scala.

**Two Sigma: Stock Market prediction using News, Kaggle, Machine Learning**      **Oct 2018 - Dec 2018**

- Developed a financial model to predict Stock Market using stock market News data.
- Achieved 59.7% test accuracy which could rank top 20 teams in Kaggle.
  **Tech used:** Python 3.6.5, scikit-learn, Pandas, nltk, scipy, Tensorflow, Matplotlib, PyCharm.

**Contact Management System, Database design**      **Oct 2018 - Nov 2018**

- Built system using Django framework for web application, developed python script to dump all data into MySQL database and built frontend using HTML 5, CSS, Bootstrap 4, JavaScript and jQuery.

**SQL-Like Engine, Database Design, Java**      **Nov 2018 - Dec 2018**

- Built a database engine using Java that can execute SQL-like commands from the command line and stored table pages using concept of B-trees with each record stored at the leaf page.

**Data Structures and Algorithms, Java**      **Aug 2018-Dec 2018**

- Implemented Big-Arithmetic calculator without built-in libraries, Skip Lists and Multi-Dimensional Search(i.e. Amazon).

**Smart Doorbell, Internet of Things**      **Jul 2017 - Nov 2017**

- Developed and Intrusion Detection System to detect an intruder and notify user in real-time using push notification.
- User also gets an image of an Intruder on cloud storage.
  **Tech used:** Python, Raspberry Pie, Web Camera, Sensors, Pushetta(App).

## ACTIVITIES

**Programming, Data Structures and Algorithms in Python,** Certification Course      **Jan 2017 - Mar 2017**

- Course conducted by IIT Madras in association with NPTEL.

**Data Science with Python Workshop @ UTDallas**      **Oct 2018 - Nov 2018**

- Learned and applied various python libraries, data cleaning and munging, data visualization, PCA and different ML classifiers.