

Siddhi Degaonkar

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Programming Languages: Java, Python

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EDUCATION

University of North Carolina at Charlotte

Expected: May 2021

Master of Science in Computer Science (GPA: 4.0/4.0)

Relevant Coursework: Algorithms & Data Structure, Machine Learning, Big Data Analytics for Competitive Advantage, Visual Analytics,

University of Pune, Pune, India

May 2019

Bachelor of Engineering in Computer Engineering (GPA: 3.8/4.0)

SKILLS & INTERESTS

- **Programming Languages:** Java, Python (NumPy, Pandas, SciPy, Matplotlib) SQL, C++, Javascript
- **Technologies and Infrastructure:** MySQL, MongoDB, Tableau, Jupyter Notebook, Excel, Google Cloud Platform, AWS, Firebase.
- **Tools & Practices:** Eclipse, Android Studio, Git, Agile, JIRA, Postman, IntelliJ
- **Operating System:** Windows, Linux

PROFESSIONAL EXPERIENCE

American Tire Distributors, Huntersville, NC

Jun 2020 – Present

Data Scientist Intern

- Extracted and cleaned data (**MySQL**), drawn impactful insights to power the decisions and answer the business questions for marketing, engineering and finance department.
- Written flexible production-ready code in **Python** for different components of the data engineering process - data ingestion, data manipulation, feature selection, model training.
- Performed Statistical analysis on the data and hypothesis testing for the machine learning and deep learning models and **boosted the profits up to 75%**.

Red Hat, Pune, India

May 2018 – Nov 2018

Summer Intern

- Worked in an agile environment to deliver high-quality software.
- Gathered and analyzed the data of various employees using python and designed a skeleton for web-app.
- Programmed Car-pooling Web application. Maintained **MySQL** for backend.
- Design and build innovative technologies in a large distributed computing environment and help lead fundamental changes in the industry.

PROJECTS

News Android Application [Java, JSON, Android]

Feb 2020

- Build an android app which displays News headline customized according to the user choice preferences. Used AsyncTask to connect to the top headlines to retrieve and parse the JSON returned news for the selected category.

Loss Ratio Prediction - Predict the loss ratio of a set of insurance policy portfolios.

- Improved MAE by 0.90 and accuracy by 40% by implementing rigorous feature engineering by grouping multiple policies into portfolio and creating useful features using aggregation.

Game-Frenzy Search [Java, SQL]

- Developed a multi-player, timer-based game in Java called Frenzy Search for Inter-college Technical Fest which became the most popular game of the event.
- **Relational database (MySQL)** was used at the backend to store the answers of each player and at the end calculate the score of each player and display the winner. Bash script was written to auto-run them and launch the User Interface on each round.

ACTIVITIES

- Active Member of Women Who Code, ACM-W, Society of Women Engineers, Global Ambassador of Women Techmakers.
- Lead a campaign to teach basics of computer and its operations, in a social initiative for underprivileged girls.