

Nischal Mahaveer Chand

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Available: June-Dec. 2018

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA

College of Computer and Information Science, GPA: 3.8/4.0

Sept. 2017-present

Candidate for Master of Science in Data Science

Expected graduation: June 2019

Related Courses: Algorithms, Introduction to Data Management and Processing

ALLIANCE UNIVERSITY, Bengaluru, India

College of Engineering and Design, CGPA: 3.4/4.0

June 2017

Bachelor of Technology in Computer Science Engineering

Related Courses: Data Mining and Data Warehousing, Big Data Analytics, Design and Analysis of Algorithms,

Data Structures and Algorithms, Java Programming, Unix Programming and Practice, Image Processing

Activities: Coordinator of CodeWars, Member of DevMetric, Member of Linux Club

TECHNICAL KNOWLEDGE

Languages:	Python, C, C++, R, Java, SQL
Libraries/Packages:	TensorFlow, pandas, scikit-learn, matplotlib, dplyr, ggplot2
Source Control:	Git
Databases:	MySQL, SQLite
IDEs:	RStudio, Jupyter Notebook, IntelliJ IDEA, PyCharm
Markup Languages:	LaTeX, RMarkdown, Markdown, HTML, XML, JSON
Operating Systems:	Linux, Windows, macOS
Office Packages:	Word, PowerPoint, Excel
Certifications:	Introduction to Data Science in Python, R Programming, Introduction to Big Data

WORK EXPERIENCE

untrodden labs, Delhi, India

Aug. 2016

R&D Intern

- Developed chatbot in Python using NLTK, for basic user interaction like weather reporting and reading daily news.
- Tested and debugged speech recognition modules using Google Speech Recognition API in Python.

MoodSense, Bengaluru, India

July-Oct. 2015

Android Intern

- Designed and developed an android application in Android Studio using Java, XML, and SQLite, which improved user retention by 30% for the startup.

ACADEMIC PROJECTS

Flashlight - Property Assessment Visualization for the City of Boston

Oct.-Dec. 2017

- Created Shiny Application that helps users visualize various aspects of property assessment values in different regions of Boston, using R for data visualization and Python for data cleaning and data transformation.

Movie Recommendation System

Feb.-June 2017

- Designed, implemented, and tested a multi-layered Recurrent Neural Network to recommend movies to a user using TensorFlow and Scikit-Learn, in Python.
- Achieved 93% accuracy on test data and 85% accuracy on study groups.

PERSONAL PROJECTS

Ames Housing Price Prediction

Oct.-Dec. 2016

- Designed, developed, and tested advanced regression models in Python using the scikit-learn package in a team of 2.
- Final model in top 20% on Kaggle.

Melody - Open-Sourced Music Player Framework for Android

July-Aug. 2015

- Designed and developed music player framework for Android using RxJava and Scala Reactive Extensions, which is freely available under the MIT license and is commonly used by Android developers worldwide.

HONORS AND ACHIEVEMENTS

- Awarded state scholarship, covering 70% tuition fee for undergraduate study.
- Coordinated and organized CodeWars, a 24-hour hackathon as part of annual university fest at Alliance University.