

Nischal Mahaveer Chand

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Available: June-Dec. 2018

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA

College of Computer and Information Science

Candidate for Master of Science in Data Science

Related Courses: Algorithms, Introduction to Data Management and Processing

Sept. 2017-present

Expected graduation: June 2019

ALLIANCE UNIVERSITY, Bengaluru, India

College of Engineering and Design, CGPA: 3.4/4.0

Bachelor of Technology in Computer Science Engineering

Related Courses: Design and Analysis of Algorithms, Data Structures and Algorithms, Java Programming

Activities: Coordinator of CodeWars, Co-founder of DevMetric, Member of Linux Club

Honors and awards: Awarded financial aid for holding top rank in university

June 2017

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

Junior Intern

- Developed chatbot for home automation system using NLKP. The chatbot gave basic weather information and could control home lighting.
- Tested and debugged speech recognition module in Python.
- Supervised test case runs for speech synthesis module in Python using TensorFlow.

MoodSense, Bengaluru, India

July-Oct. 2015

Senior 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.

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 ranked under 1k 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.

VOLUNTARY ACTIVITIES

- Volunteered for planting 300 saplings as part of reforestation drive in Shivaganga Hills, India. Sept. 2013
- Provided support to collect relief supplies for Uttarakhand Floods of 2013. Sept. 2014
- Coordinated, organized, and supervised a team of 20 for a 24 hour Hackathon as part of university fest. Oct. 2015