

AMUL MEHTA

Boston, MA 02120 | 857-707-2838 | mehta.am@husky.neu.edu
<https://www.linkedin.com/in/amul-mehta> | <http://amul-mehta.github.io>

EDUCATION

Northeastern University, Boston, MA

Master of Science in Computer Science

May 2018

Related Courses: Information Retrieval, Program Design Paradigm

Institute of Technology Nirma University (Gujarat), India

Bachelor's Degree in Computer Engineering

May 2016

Related Courses: Data Structures, Fundamental of Digital Electronics, Web Technologies, Software Engineering

TECHNICAL KNOWLEDGE

Languages: Java, Python, C++, R, Racket, XML, JSON, HTML, CSS, JavaScript
Systems: Windows, Linux, Mac OS
Software: Eclipse, Visual Studio, Android Studio, Jet Brains Pycharm, GitHub
Database: MySQL, SQLite
Web Technologies: Django Framework, AJAX
Certifications: Programming in R (Coursera)

WORK EXPERIENCE

Seawind Solution, Ahmedabad, India

Jan. – May 2016

Android Developer Intern

- Created a Seller side Android application for an upcoming e-commerce platform. (<http://bit.ly/29iUn9L>)
- Incorporated design decisions and implemented them throughout the application.
- Helped the company to reach larger base of sellers by registering them on the platform.

IBM India Research Labs, New Delhi, India

Jun. – Aug. 2015

Research Intern

- Developed a Sentiment Analysis model for microblogging data, which understands English as well as Hinglish inputs.
- Compiled a dictionary of over 10,000 words including 2,000+ Hinglish words with their associated sentiments.
- Created a web application for it using Django framework which can be used on streaming data of Twitter.
- Learned various new technologies and implemented concepts in a short span of two months.

INDEPENDENT PROJECTS

Kaggle.com Problem Sets

Sep. 2015

- Digit Recognition using Artificial Neural Networks, with an efficiency of 94.6%
- Titanic Survival Prediction, using with an efficiency of 77.5%

ACADEMIC PROJECTS

Information Retrieval Projects, Northeastern University

Sep. 2016 – Present

- Designed and developed a focused crawler using Java
- Implemented PageRank Algorithm on a set of web documents
- Created Inverted Index of unigram, bigram and trigram index terms for a set of 1000 web documents

Institute of Technology, Nirma University

Jul. 2012 – Jun. 2016

- Created a mini compiler for a C style syntax language.
- Programmed an Android Application for simulation of Network Coding Techniques on Butterfly Network.
- Made an Arcade Game similar to Mario Bros. in Python using the Pygame and TMX libraries.
- Developed a Restaurant Management System application using MFC libraries (Visual C++) and MS Access as the backend.

AWARDS & RECOGNITION

- Received “Keen Learner Award” for providing high quality deliverables at Seawind Solution Pvt. Ltd.

INTERESTS/ACTIVITIES

- Exploring new places, Playing Cricket.