

# Ankit Yadav

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## EDUCATION

**Northeastern University**, Boston, MA Jan 2018 – Dec 2019  
College of Engineering

*Candidate for Master of Science in Information Systems, GPA- 3.65*

Related Courses: *Application Engineering Developments, Program Structure and Algorithms, Advances in Data Science & Architecture, Web Development Tools & Methods, Web Design, Smartphone based Web Development*

**Noida Institute of Engineering & Technology**, Greater Noida, India Jul 2008 – Jun 2012  
*Bachelor of Technology in Electronics & Communications*

Related Courses: *Data Structures in C, Object Oriented Programming, Digital Systems*

## TECHNICAL KNOWLEDGE

<b>Programming Languages:</b>	Java, C#, Python, Swift 5, PL/SQL, C
<b>Databases:</b>	MySQL, MongoDB
<b>Web Technologies:</b>	Angular 7, NodeJS, JavaScript, AJAX, ASP.NET Core, Spring Boot, Spring MVC
<b>Big Data Technologies:</b>	Hadoop, MapReduce, Spark, Hive
<b>Tools:</b>	Anaconda, SQL Developer, Eclipse IDE, NetBeans, Visual Studio, XCode 9

## ACADEMIC PROJECTS

**Restaurant Review Web Application** Jan 2019- Apr 2019  
*[Angular 7, NodeJS, REST API, Bootstrap, MongoDB]*

- Developed web application for user to have a portal to search and view restaurant details
- Integrated it with Food Street API to retrieve restaurant details

**BookBugs- IOS App to share and review books** Jan 2019- Apr 2019  
*[Swift 5, XCODE 9]*

- Used Goodreads APIs to get the book data and which were persisted only if user gave them reviews
- Used Firebase Auth for Google sign in and email sign in. Also used Firebase as a database.

**Predicting the final rank in PUBG using Machine Learning models** Sep 2018 – Dec 2018  
*[Python, Jupyter Notebook]*

- Used data preprocessing techniques to clean the dataset from Kaggle for machine learning model using Python
- Classified the data on the basis of various features using ML model and got the accuracy of 75.8 % on test data

**IOT based Home Management System** Jan 2018- Apr 2018  
*[Java FX, Core Java, Java Swing]*

- Developed Java based IOT application for managing user home using ecosystem model using Swing Framework
- Implemented functionality that enabled user to automatically refill home supplies, book parking space using Google maps and event management in the society.

**Class Scheduler Using Genetic Algorithm** Jan 2018 – Apr 2018  
*[Java 8, Multithreading]*

- Used genetic algorithm to solve one of NP complete problem of time table scheduling
- Created a class scheduler using the given constraints like available class rooms, professors, student group size, courses and available time slots.

## WORK EXPERIENCE

**Northeastern University** Sep 2018 – Current  
**Teaching Assistant- Program Structure & Algorithms**

- Guided students through the coursework by arranging problem solving sessions and labs
- Assisted professor in preparation of lecture materials, quiz and assignments

**Tata Consultancy Services, New Delhi, India** Dec 2012 – Dec 2017  
**IT Analyst, Developer**

- Worked on the designing and development of several major applications for Vodafone India on Java/J2EE platform
- Gained exposure to complete software development life cycle including the phases of designing, developing, testing, deployment and support
- Configured automation of customer issue resolution service which reduced the load on business user by 60% and reduced tickets count by 25%
- Acted as Technical Lead and coordinated with IT head and business users for various business requirements