

Abhinav Agrawal

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QUALIFICATIONS

Current M.SC. IN COMPUTER SCIENCE from Northeastern University (1st Year)
2013 - 2017 B.TECH. IN INFORMATION TECHNOLOGY from Manipal Institute of Technology

TECHNICAL SKILLS

WEB Python, Java, HTML/ CSS/ JS, PHP, SQL, Angular 5, NodeJS, C++
OS Ubuntu, Windows, RHEL

PROJECTS

CODETRIP 2016	<i>Adaptive Road Trip Planner</i> A web application designed to suggest the perfect route between the user's source and destination cities. The suggestions are based on a scoring algorithm on city factors designed using Azure ML and ScikitLearn's Model Evaluation API. The project made it to the top 6 teams in the AngelHack 2016 Hackathon organised at MIT, Manipal.
BUZZMINER 2016	<i>A tool to suggest best locations for a mobile launch</i> BuzzMiner is a web-application which crawls all tweets about a given mobile phone, and performs sentiment analysis using Naive Bayes algorithm. The algorithm then provides suggestions for the model's launch locations in descending order of probability of success. github.com/abhinavagrawal1995/buzzminer
THE BOOK HUB 2014-2017	<i>An online Library Tool</i> An online repository of e-books and a facilitator for purchase/lending physical copies within the college campus. The website had an average of 250 visits per day across 20 countries. Also recruitment and managed a team of 15 developers, content-writers and graphic designers github.com/abhinavagrawal1995/tbh
PLACEMENT PORTAL 2016-2017	<i>Official Placement Portal used at Manipal Institute of Technology</i> Developed a PHP based portal to be used for all Placement processes of the college. Also installed a dedicated Linux server to host this portal on the campus intranet. It is used by 3000+ users each year.

WORK EXPERIENCE

AUG '17 - APR '18	Analyst at BLACKROCK INC., Gurgaon Assisted in revamping the existing monolithic architecture to a container-ready architecture and developing web-applications using Angular 5 on the same. Created Python scripts to automate internal processes. Developed Spring based APIs for the web-application used by Institutional Clients to view different types of reports about their assets at BlackRock.
JAN - JUL '17	Intern at BLACKROCK INC., Gurgaon Fixed all Information Security issues found across Java, JS, Sybase and Apache layers during external Penetration Tests of client facing web-applications.
JUN - JUL '16	Intern at SIEMENS INDIA, Gurgaon <i>GitHub - github.com/abhinavagrawal1995/JT-file-parser</i> Developed a JAVA parser for JT open file format (used for 3D modelling). Further extended the tool using Blender Python API to enable lossless import of the file into Blender, an open-source 3D rendering software.

ADDITIONAL INFO

LANGUAGES KNOWN English, Hindi, Bengali
HOBBIES Playing Guitar, Reading, Web Dev