DHRUV SHARMA

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EDUCATION

Northeastern University   Sept. 2017-Present
Candidate for Master of Science in Computer Science   Expected Graduation: June 2019
Related Courses: Information Retrieval, Algorithms and Foundations of Artificial Intelligence

Guru Gobind Singh Indraprastha University   Aug. 2012-June 2016
Bachelor of Technology in Information Technology
Related Courses: Data Structures, Database Management Systems

TECHNICAL SKILLS

Languages:	Java, Python, Racket, C, C++
Web Technologies:	HTML, JavaScript, CSS, Bootstrap, Angular, PHP and CakePHP
Databases:	SQL Server, MySQL
Tools:	Git, Jira, MS Office Suite, Visual Studio Code, Eclipse, Android Studio
Operating Systems:	Windows, Linux, macOS
Certifications(Coursera):	Programming for Everybody (Python), Data Scientist's Toolbox, Introduction to Big Data, Advanced Styling with Responsive Design

WORK EXPERIENCE

Avalon Information Systems, New Delhi, India   July 2016-July 2017
Software Developer Trainee
- Upgraded a web application to the latest version from **CakePHP 2 to 3**.
- Overhauled an application to add support for multiple languages and the newly created websites could be viewed in other countries' native language using **PHP** and **MySQL** as well as **SQL Server**.
- Developed APIs for two applications to be used by other in-house products.
- Developed an API to receive and display appropriate data and also publish data on the servers.
- Fortified products by fixing several bugs for three applications.

Mera Medicare, New Delhi, India   Feb. 2015-Apr. 2015
Software Intern
- Designed an Android application using **Java** and **XML**.

ACADEMIC PROJECTS

Search Engine   Fall 2017
- Constructed a search engine to get most relevant results from a set of Wikipedia pages using **Python**.
- Implemented models like **BM25, tf.idf, Pseudo-Relevance Feedback** and **Query likelihood** method.
- Executed **PageRank** algorithm which contributed to the effectiveness of search engine.
- Created an inverted index leveraging all crawled documents, utilizing both depth- & breadth-first search.

Quik Reminder   Fall 2014
- Designed and developed an Android application to send users reminders of tasks using Java and Eclipse to develop the application.

EXTRA-CURRICULAR

YouTube Channel: DD TechTV (Co-Creator)   June 2016-Present
Post weekly videos on technology (tips and tricks) and device reviews with 1000+ subscribers.