

Kreena Mehta

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EDUCATION

NORTHEASTERN UNIVERSITY, Boston MA

Dec 2016

Master of Science in Computer Science

GPA 3.6

Relevant Courses: Algorithms, Web Development, Managing & Advanced Software Development

UNIVERSITY OF MUMBAI, Mumbai India

Jun 2014

Bachelor of Engineering in Information Technology

TECHNICAL SKILLS

Programming Languages:	Java, Python, C++, Linux Shell Scripting, SQL
Web Technologies:	HTML5, Bootstrap, CSS, JavaScript, AngularJS, Node.js, JSON, XML, REST
Operating Systems:	Windows, Linux and Mac
Databases & Frameworks:	MySQL, PostgreSQL, NoSQL, MongoDB, Hadoop, AWS, MS Excel, MS Access
Certifications:	Cisco Certified Network Associate

WORK EXPERIENCE

Hewlett Packard Enterprise, Southborough, MA: SDE Intern (*Java, PostgreSQL, NoSQL, Puppet*)

May 2016 - Aug 2016

- Contributed to an enterprise web application, HP Connected MX, that lets users to create an information hub based on centrally applied policies for backup/recovery, retention, collaboration and accessibility of their mobile information
- Developed a tool with an agile team to export data of a group of users in parallel from the cloud backup to the admin's local system
- Implemented a tool that executes a pre-defined set of operations to help verify HPE CMX's availability on Linux and Windows OS

Hewlett Packard Enterprise, Southborough, MA: SDE Co-op (*Java, PostgreSQL, Puppet, Maven*)

Jun 2015 - Dec 2015

- Developed a new real-time file 'Collaboration' feature of HP Connected MX for cloud data from scratch in a team of 7
- Implemented the module to send e-mail notifications using Freemarker email template engine
- Instigated a scalable distributed monitor system, Ganglia, to track the performance of the APIs
- Automated the process of executing integration tests on Quickbuild as a part of nightly build

Mastertionary, India: Co-founder (*HTML, CSS, JavaScript, PhoneGap*)

Jan 2014 - Dec 2014

- Initiated a startup in India, a cross-platform application using PhoneGap and a website that would help students to apply for the Masters program in the USA
- Hired and managed 15 under-grad interns to develop the mobile application, website and content

Dialhealth, India: Web and mobile developer intern (*HTML, CSS, JavaScript, PhoneGap*)

Jun 2013 - Aug 2013

- Researched and conceptualized a mobile application and a full-stack website aimed at creating unified blood bank and drug search portal using ElasticSearch Technique

PROJECTS

KREEATIVE MINDS: Website (Northeastern University)

HTML5, Bootstrap, NodeJS, AngularJS, JQuery, MongoDB

- Developing a web portal for users to find and rent books using the MEAN (MongoDB, ExpressJS, AngularJS, NodeJS) stack

PROJECT FEED 1010 (Northeastern University)

Python Flask, MySQL, Highcharts.js, JQuery

- Built an interactive data visualization platform for Institute of System Biology, Seattle
- Developed an application that displays all user aquaponics systems using Google Maps API
- Contributed to an open-source project, which addresses a need to change the current agriculture process to feed 10 billion people

MAPREDUCE API (Northeastern University)

Java, Hadoop

- Built a MapReduce framework from first principles that processes the unstructured data in parallel across the distributed cluster
- Applied Java RMI to implement communication for the developed model

ANALYZING AIRLINE DATA (Northeastern University)

Java, Hadoop

- Developed various parallel processing algorithms to compute interesting statistics of airline data
- Automated the model construction in Hadoop that creates a model according to the different inputs and predicts the results