Darshan Panse

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Available: **May-August 2018**

EDUCATION

Northeastern University, Boston, MA — Sept 2016-present
College of Computer and Information Science — Expected Graduation: Dec 2018
Candidate for a Master of Science in Computer Science
Related Courses: Programming Design Paradigm, Information Retrieval, Web Development, Algorithms.

Rajiv Gandhi Technical University, Bhopal, India
Bachelor of Engineering in Computer Science — June 2016
Related Courses: Data Structures, Web Development, Database Management System, Software Engineering and Project Management

TECHNICAL KNOWLEDGE

Languages:	Java, Python, Javascript, Racket, C, C++, HTML, CSS
Systems:	Windows XP/7/8/10, Linux
Software:	MyEclipse, NetBeans, PyCharm Editor, Android Studio, WebStorm
Database:	MongoDB, SQL Server
Web technologies:	Microservices Architecture, React, Backbone.Js, Node.Js, Bootstrap, jQuery, jQueryUI, express, Angular.Js, SwaggerHub, JSON, RESTfull API, Drools BRMS

WORK EXPERIENCE

Homesite Insurance, Boston, MA — June 2017-present
Web Developer Intern

- Adding functionalities and maintaining **Microservices** written in **Backbone.Js**, **Node.JS, express.js** and **Java**.
- Onboarding new partners and LOBs, managing, debugging, and adding new functionalities to the existing web application which is the company's primary source of online revenue.
- Hands-on experience with software development lifecycle, management and quality assurance tools like **Jira, Bitbucket, git, source tree, Zephyr** and **SQL Server**.

ACADEMIC PROJECTS

Northeastern University, Boston, MA — Sept 2016-present

- Currently developing **SOFFRA**, a web application focused solely on the planet Earths mountain climbs for cycling and cyclists. SOFFRA will offer users a way to view and analyze each mountain climb with maps powered by **Google Maps API**, climb statistics and data, segment leaderboards, 3D interactive maps, first-person handlebar video powered by GoPro as well as a full description of each climb using **React**, **Redux**, **Node** and **Express**.
- Currently developing a parking system management application using **React, Node and Express** using which students, professors and staff members can book a parking spot at the university.
- Developed a web application using **MEAN stack** which finds and compares prices of more than 2,500,000,000 inventory items at 500,000 local stores across the US and gives the user, the provision of booking a **LYFT** ride to the local stores.
- Developed a web application using **MEAN stack** which builds customized blogging websites for its users.
- Developed a **Text Search Engine** in **python** using **BM25** retrieval model and enhanced its effectiveness with **Pseudo Relevance Feedback** which made its performance comparable to Apache Lucene search engine.

INTERESTS/ACTIVITIES

- Won first prize in physics working model competition for water tank overflow prevention circuit.
- Learning new web development libraries and frameworks.