

PARSHVA SHAH

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EDUCATION

Northeastern University, Boston, MA
Khoury College of Computer Sciences

September 2017 - Present
Expected graduation: December 2019

Candidate for a Master of Science in Computer Science - GPA: 3.52/4

Related Courses: Programming Design Paradigm, Information Retrieval, Algorithms, Managing Software Development, Web Development, Machine Learning, Human-Computer Interaction, Large-Scale Parallel Data Processing

K. J. Somaiya College of Engineering, Mumbai, India

August 2012 - May 2016

Bachelor of Engineering in Computers - CGPA: 8.51/10

Related Courses: Theory of Computation, Data Structures and Algorithms, Data Mining, Big Data Analytics, Web Development

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Python, Java, C, SQL, Racket
Web technologies:	AngularJS, Angular 8, HTML5, Bootstrap, CSS3, jQuery, React
Frameworks:	Angular, Ionic, Django, Hadoop
Databases:	MySQL, MongoDB
Others:	Express, Node, GitHub, MapReduce, Junit, Jira, SonarQube, Jenkins, AWS, Maven, Spring Boot

WORK EXPERIENCE

AdaptiveAlgo Systems Inc., Boston
Frontend Developer Intern

September - December 2018

- Designed and developed web applications, and added functionalities to improve user experience using MongoDB, Express, AngularJS and NodeJS (MEAN Stack). Also worked on building RESTful endpoints to allow CRUD operations.

Khoury College of Computer Sciences, Northeastern University, Boston

May - June 2018, January - June 2019,

Teaching Assistant - Algorithms and Data, Discrete and Data Structures

September 2019 - Current

- Holding office hours to provide technical guidance to the students in assignments, midterms; assisting in grading the same.
- Conducted a seminar teaching the students in detail how to write understandable and good quality pseudocode for algorithms.

Gohitfit Pvt. Ltd., Mumbai, India
Systems Engineer

October 2016 - August 2017

- Developed a hybrid mobile application ([Android](#), [iOS](#), and Windows applications) named 'ValueWithin' using the Ionic framework and JavaScript. It not only helped to keep details of customers of a facility but also proved to be a great platform for assigning fitness and nutrition coaches and schedules to those customers.
- Added additional functionalities like skipping meals and exercises and support for a new set of users like nutrition and fitness admins and facility staff to the Django based web application which had Python as its primary coding language.

ACADEMIC PROJECTS

ReadySelectPlay (<https://ready-select-play.herokuapp.com>)
Northeastern University, Boston

January - April 2019

- Designed and developed a mobile-first design based MEAN stack web application to help board game party members efficiently arrive at a decision of which board game to play with the motivation to decide as quickly as possible.
- Performed ethnographic study, user testing, heuristic evaluation on our paper and software prototypes to enrich our design which featured room creation, taking care of party members' preferences and support for voting.

EzeCuisine (<https://eze-cuisine-angular-client.herokuapp.com>)
Northeastern University, Boston

May - June 2018

- Engineered a web platform for a common man to search, like and rate recipes, chefs to create, edit and delete their own recipes, and for critics to review and rate recipes from all over the world.
- Used MEAN stack and Yummly API to fetch and incorporate indexing in MongoDB to return recipes from remote system database for each search query and caching those recipes for better user experience.

Plagiarism Detector
Northeastern University, Boston

January 2018 - April 2018

- Designed a Plagiarism Detector to discover existence of different versions of the same code submitted by different students as course assignments using collaboration or copy-then-modify approach.
- Junit was used for testing, GitHub for version control, SonarQube for continuous code quality, Jenkins for continuous integration, Jira for issue and project tracking, AWS as integration environment, Slack for messaging and conducting stand-ups, and AngularJS for web-based UI.