

PARSHVA SHAH

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EDUCATION

Northeastern University, Boston, MA

Sep 2017 - Present

Khoury College of Computer Sciences

Expected graduation: Dec 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

Aug 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 6/7, HTML5, Bootstrap, Express, CSS3, jQuery, React
Frameworks:	Angular, Ionic, Django, Hadoop
Databases:	MySQL, MongoDB
Others:	Node.js, GitHub, MapReduce, Junit, Jira, SonarQube, AWS, Maven, Spring Boot

WORK EXPERIENCE

AdaptiveAlgo Systems Inc., Boston

Sep - Dec 2018

Frontend Developer Intern

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

Khoury College of Computer Sciences, Northeastern University, Boston

May - Jun 2018, Jan - Jun 2019

Teaching Assistant - Algorithms and Data, Discrete and Data Structures

Sep 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

Oct 2016 - Aug 2017

Systems Engineer

- Developed a hybrid mobile application ([Android](#), [iOS](#), and Windows applications) named 'ValueWithin' using the Ionic framework and JavaScript which helped assigning fitness and nutrition coaches and schedules to customers of a facility.
- 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>

Jan - Apr 2019

(JavaScript, TypeScript, Angular 7, Node.js, GitHub, CSS3, Bootstrap, MongoDB, HTML5, Express)

- 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>

May - Jun 2018

(JavaScript, TypeScript, Angular 6, Node.js, GitHub, CSS3, Bootstrap, MongoDB, HTML5, Express)

- Engineered a web platform for 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 Yummly API to fetch recipes from remote database for each search query and caching those recipes for better UX.

Plagiarism Detector - <https://youtu.be/Gw73HDbA7bk>

Jan - Apr 2018

(AngularJS, GitHub, Junit, SonarQube, Jenkins, Jira, AWS, Slack)

- 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.

Vehicle Monitoring and Routing System (VMARS) - <https://youtu.be/AHb9c6U3R1g>

Aug 2015 - May 2016

(Java, Android Studio, Eclipse IDE)

- Developed two Android applications (Driver and Parent) with features such as real-time location monitoring, shortest route determination using a hybrid algorithm, addition of checkpoints between two locations, speed alerts and auto-detection of the possibility of an accident and giving alerts for the same via SMS.