

Rashmi Jadhav

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EDUCATION

Oregon State University

Corvallis, OR

Master of Science in Computer Science, GPA: 3.89/4.0

Jun. 2021

Coursework: Intelligent agents and Decision Making, Applied Machine Learning, Database Management Systems, Software Project Management, Software Engineering Methods

College Of Engineering Pune (COEP)

Pune, India

Bachelor of Technology in Information Technology

May. 2016

TECHNICAL SKILLS

Programming: Java, Python, C, JavaScript

Backend: SpringMVC, Maven, Hibernate, MySQL, Android Development, Design Patterns(familiar), Git/SVN

Web Development: Backbone.js, Marionette.js, jQuery, KendoUI, HTML/CSS, Bootstrap, RESTful APIs, Jasmine

EXPERIENCE

eQ Technologic Inc. (A software product company)

Pune, India

Senior Software Engineer

Apr. 2019 - Aug. 2019

- Designed and developed links feature with Java-Spring, JavaScript-BackboneJS stack to support all 10 widgets in product eQube®-BI during a 3 months sprint by following test-driven agile software development
- Revamped and enhanced the responsive design of www.1eq.com using Liferay Framework, Portlets, HTML, CSS, Bootstrap, Vector font-icons, and media queries, resulting in 80% load time boost as measured by Google PageSpeed tool
- Held responsibility of Links module in product eQube®-BI and resolved around 30 reported bugs within a month

eQ Technologic Inc. (A software product company)

Pune, India

Software Engineer

Jul. 2016 - Apr. 2019

- Delivered an intelligent platform solution/web application within 3 months by using REST APIs, data connectors, JSON, Spring, BackboneJS, KendoUI, which led to signing 4 more projects with customer
- Built single page application for eQ's security services to centralize 4 products' security and incorporated front-end obfuscation in maven build cycle to increase page load performance by 50%
- Made weekly enhancements and updates in look & feel of [official website](#) built using Liferay framework
- Developed a mobile application(Android) for campus hiring that eliminated clerical paper-to-computer data entry work
- Resolved customer issues for license generator legacy software in JSP & developed 3 new features as per requirements

RESEARCH & PROJECTS

OSU IDEA Lab (DB Group)

Corvallis, OR

Researcher under Prof. Arash Termehchy

Jan. 2020 – Present

- Implementing online join algorithms(RL bandit) on PostgreSQL in C for faster top-k search retrievals with TPC-H datasets
- Discounted average time of bandit join is faster compared to nested loop join for values of k = 50, 100, 500

JobProfill - A Mozilla Firefox extension for auto-filling job applications

Corvallis, OR

CS 562 Software Project Management

Jan. 2020 - Mar. 2020

- Published a [Mozilla Firefox add-on](#) developed in JavaScript to auto-populate job application forms with user's profile
- Saves ~3-4 minutes of user's time per job application, supports greenhouse.io

Intelligent Traffic Signal Synchronization Using Fuzzy Logic and Q-Learning

Pune, India

Research under Prof. Dr. Jibi Abraham (Undergrad Dissertation)

Jun. 2015 – May. 2016

- Proposed self-learning multi-agent signal synchronization system to dynamically operate traffic signals as per vehicles' flow and used SUMO simulator and Python for software implementation
- Published the work at the IEEE 2016 International Conference on Computing, Analytics and Security Trends (CAST)

LEADERSHIP & INVOLVEMENT

- Member at OSU ACM-W (Association for Computing Machinery) and SWE (Society of Women Engineers)
- Co-founded organization Lean2Lead Pune based on Lean In Foundation for ambitious women in workforces
- Accomplished Guinness World Record for “Most number of people(3248) solving 3x3 Rubik’s cube in 30 minutes” by organizing and training hundreds of people for solving cube