

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 firm)

Pune, India

Senior Software Engineer

Apr. 2019 - Aug. 2019

- Designed and developed feature non-data-driven links to support all 10 widgets in product eQube®-BI during a 3 months sprint and released it in build 7.9
- Revamped and enhanced the responsive design of [official website](#) of organization with 80% load time boost to launch it for conference Realize LIVE 2019
- Held responsibility of Links module in product eQube®-BI and resolved around 30 reported bugs within a month

eQ Technologic Inc. (A software product firm)

Pune, India

Software Engineer

Jul. 2016 - Apr. 2019

- Delivered an intelligent platform solution/web application within 3 months, the outcome of 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 and feel of official website and managed customer's CMS
- Developed a mobile application(Android) for campus hiring that eliminated clerical paper-to-computer data entry work
- Resolved customer issues for eQ's license generator (legacy software) and 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(bandit join) on PostgreSQL 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
- Presented the work at the 2016 International Conference on Computing, Analytics and Security Trends (CAST) resulting into an [IEEE publication](#)

LEADERSHIP & INVOLVEMENT

- Founding member at Lean2Lead Pune
- Member of OSU SWE (Society of Women Engineers)
- Member of OSU ACM-W (Association of Computing Machinery - Women's Chapter)