

# Ritika Sharma

## WORK EXPERIENCE

AUGUST 2018 - MAY 20, 2020

University of Hawaii, Manoa

*Teaching Assistant*

**\*Web Development, Data Science, Social Network Analysis**

Assisted undergraduate students for software programming and engineering courses - Java, Software Engineering I (JavaScript, HTML, CSS, Semantic UI, React, Meteor) and Software Engineering II (software programming principles).

Created practice assignments and helped students with their lab assignments and projects.

JUNE 2015 - JULY 2018

Tata Consultancy Services

*System Engineer/ Software Developer/ Quality Assurance*

Software development for Credit Marketing System (CMS) for Equifax. Worked on developing the **front-end features** using Java, Spring Framework. Also worked on test plan, cases and test execution for the modules and built the complete **test automation** suite for the application using Selenium.(Jun 2015- Dec 2018)

Prepared test scripts and worked on building the complete test automation suite for Citadel application.(Jan 2018 - Jul 2018)

\*Followed the **agile practices** during my service at Tata Consultancy Services and had daily client interactions through **SCRUM** calls.

## EDUCATION

2018 – PRESENT **Master of Science - GPA: 3.82/4.0**

COMPUTER SCIENCE  
University of Hawaii,  
Honolulu, HI

2011 – 2015 **Bachelor of Engineering - GPA: 8.2/10.0**

INFORMATION TECHNOLOGY  
R.G.P.V. University, MP,  
India

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## SOFTWARE SKILLS

**Languages:** Java, C++, Spring, Hibernate, Python, R, Javascript, HTML, JQuery, React

**Frameworks:** Spring MVC, Selenium, JUnit

**Tools:** Agilecraft, JIRA, SVN, Bitbucket, GitHub, Putty, Jenkins, Maven, Eclipse, IntelliJ, Visual Studio, Pycharm, Gephi, SonarQube

**Platforms:** Windows, MAC

**Database:** MySQL, Oracle

## ACADEMIC PROJECTS

**Analysis of metoo in India and comparison with US** - performing sentiment and network analysis on Twitter data for metoo (python, R and Gephi, NLTK)

**Health Data Analysis** Health Data analysis for data leaks in the US, a competition organized by the theDataCamp (python)

**Analysis of UK Road Accidents** (python)

**Sentiment and Network Analysis of SayNo-ToWar twitter movement** (Gephi, python, NLTK, R)

**Data analysis for UK road accident incidents** (python)

**Devanagari letter prediction using Machine Learning** (python)

**Online Ticket Resolution System** (ASP.net)

**Online Tele-Networking System** (Java)

## EXTRA CURRICULAR ACTIVITIES

\*Work as a Student Affiliate for the East West Center, Honolulu - Volunteered for several Community Services events.

\*Midsummer Bollywood Theatre Act at UH Kennedy Theatre.