

# JAYASHREE RAMAN

Seattle, WA – 98105

Email: [jraman@uw.edu](mailto:jraman@uw.edu)

LinkedIn: [www.linkedin.com/in/jayashree-raman](http://www.linkedin.com/in/jayashree-raman)

Mob: (206) 972-9037

Github: <https://github.com/jayashreeraman>

Tableau: <https://public.tableau.com/profile/jayashree.raman#!/>

**Seeking Co-op Opportunities in Analytics, Business Intelligence and Data Science Fall 2018 Onwards**

## SUMMARY OF QUALIFICATIONS

- 4+ years in Data Analysis, Extraction and Automation Test Development for Investment Banking projects
- Experienced in application testing, data retrieval, extraction-transformation-loading (ETL) for validation and analysis
- Handled Project Management w.r.t requirement gathering, project plan and roadmaps for periodic project releases
- Exceptional presentation and communication skills; the ability to interact with clients and other stakeholders
- Experience in Agile Methodology and Scrum techniques

## Tools and Technical Expertise:

- Programming & Scripting Languages: Java, Python, C#, HTML, CSS, VBScript, AngularJS
- Data Retrieval, Modeling & Visualization Tools: R, SQL, Tableau, XML, JSON, SSIS, MySQL, MATLAB
- Testing & Continuous Integration Tools: Unified Functional Tester(UFT), Selenium, ROBOT Framework, Jenkins
- Project and Product Management Tools: Microsoft Visio, JIRA, Confluence

## EDUCATION

**UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL, Seattle, WA**

Anticipated Graduation: 2019

**Master of Science in Information Management- Planned Specialization in Data Science & Business Intelligence**

**Relevant Coursework:** Advanced Analytics Methods, Business Intelligence Systems, Population Health Informatics

**Planned Coursework:** Data Science, Machine Learning, Big Data and Cloud Systems (Hadoop, AWS)

**UNIVERSITY OF MUMBAI, Mumbai, India**

July 2012, GPA: 3.5

**Bachelor of Engineering in Electronics & Telecommunications**

**Relevant Coursework:** Data Structures and Algorithms, Wireless Networks, Software Programming

Consistent high performer, with a focus on practical implementation of technologies

## COURSE PROJECTS

- Data Analysis of Population Health Data with R (wrangling with **dplyr**, visualization with **ggplot**) [INFO 498]
- Business Intelligence and Data Warehouse with ETL using SQL, SSIS, Tableau and Visio [IMT 577]

## RESEARCH PROJECTS

- Working with Professor Abhishek Borah (Foster School of Business) to analyze customer complaints/company response data for customer satisfaction; using Python and R to perform statistical analysis of effective response patterns (**Dec 17-Present**)
- Worked on Logistic Regression and Support Vector Machine Algorithms in Python/MATLAB

## WORK EXPERIENCE

**BNP PARIBAS ISPL, Mumbai, India**

Nov 2015-Aug 2017

**Senior Software Engineer**

*Worked on the Primary and Secondary Markets applications for BNP Paribas*

- Built a hybrid framework (keyword and data driven) to automate the testing for web application testing
- Independently developed and implemented Continuous Integration using Jenkins
- Worked extensively with SQL and Python to compare and validate data on front-end and back-end
- Expanded Test Coverage of application from 45% to 87%; showcased the effort to clients and higher management
- Analyzed trends of previous testing processes and reduced the project turnaround time by 40%
- Won the Catalyst Award for outstanding performance in Q1- 2017

**TATA CONSULTANCY SERVICES, Mumbai, India**

Dec 2012 – Oct 2015

**Systems Engineer**

- Worked on enhancements and new module development for a Quality Assurance(QA) Java application
- Created a hybrid framework for automated testing of Web/Mainframe applications for Citi Bank
- Analyzed external logs and created visualizations using Excel and VBA Macros
- Effected savings of 60 hours/week in Operations Department by reusing automation scripts designed for testing
- Created parsers for XML files using utility functions developed in C#, thus saving almost 100 hours/month
- Won the Star Performer Award for the month of July 2015