Jayant Keswani

Software Engineer

Contact

jaykeswani85@gmail
jayantkeswani.com
Github- jayantkeswani
linkedIn- keswanijayant
(484)478-4824

Skills

Languages
Python, Java, R, SAS, SPSS
Node.js, Angular.js, Javascript, CSS3 & HTML5
Concepts
Cloud Computing (AWS & Azure)
Machine Learning (K-means,Random forest, SVM, Decision tree, scikit-learn, pandas, numpy, scipy), Docker, Data Visualization, Data Structures and Algorithms, Object Oriented Programming
Databases
MySQL, Cassandra, MongoDB
OS
Linux, OSX

Certifications

Springboard-Data Science Intensive, CCNA (VoIP), CCNA (R&S)

Publications

BioDepot workflow Builder(BwB)-bioRxiv

GUIdock-VNC-Gigascience

Summary

An aspiring software engineer with professional experience in web development and data science. Currently looking for my next big gig where I can make an impact.

Education

2015–2016 **Masters,** Computer Science and Systems — University of Washington, USA
Specialization in Data Science (GPA- 3.66)

2011–2014 **Bachelors,**Computer Applications — EIILM University, IND

Experience

Aug16-Dec16 **Kahootz** — Software Intern
Build a web app and chrome extension, used Node and Express to power the app, and implemented a frontend framework used Angular. Deployed the app on AWS (EC2 instance for the server and RDS for SQL database).

Nov15-Dec16 **UW Bio-Informatics Docker Group** — Student Researcher
Performing analysis on RNA-seq data using python and also containerizing the pipelines using docker to ensure the reproducibility (ISAAC & Cytospace).

Jun16-Aug16 **Qikspace** — Graduate Intern
Researching the implementation of an AI engine with database integration using Cassandra. Data exploration, cleaning and data migration to Cassandra using R and CQL.

Jul14–Jul15 **Baud Technologies** — Software Engineer
Engineered customized features for new applications and updates for existing application suites, used Javascript and MySQL.

Projects

Jan 2017 **Website categorization**
Implementing Machine learning model for website categorization - written python script for scraping the data from the websites and storing it into MySQL. Currently training the model to predict the categories for the websites.

Mar 2016 **Distributed Locking in Client-Server Communication**
Creating a multiple replication server environment for Client-Server communication to reach consensus on and execute simple operations using PAXOS algorithm.

Mar 2016 **User Profiling With Social Media Generated Content**
Leveraging machine learning algorithms to predict various features of Facebook users such as gender, age and personality traits. Naive Bayes, KNN, Linear Regression and Random Forest were implemented to construct an ensemble framework which gave 70% prediction accuracy.