

Jayant Keswani

Software Developer

Contact

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Skills

Languages

Python, Java,
R, Node.js,
Angular.js, JavaScript,
CSS3 & HTML5

Concepts

Cloud Computing
(AWS & Azure)
Machine Learning,
Big Data, Docker,
Data Visualization,
Data Structures and
Algorithms, Object
Oriented Programming

Databases

SQL, Cassandra

OS

Linux, OSX

Certifications

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

Publications

GUIdock-VNC-
Gigascience

BioDepot workflow
Builder(BwB)-bioRxiv

Summary

An aspiring data scientist with professional experience in web development and software engineering, I'm currently looking for full time opportunities to enhance my knowledge and experience.

Education

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|-----------|--|-------------------------------|
| 2015–2016 | Masters , Computer Science and Systems
<i>Specialization in Data Science</i> | University of Washington, USA |
| 2011–2014 | Bachelors , Computer Applications | EIILM University, IND |

Experience

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|-------------|--|-------------------------|
| Aug16-Dec16 | Kahootz | Software Intern |
| | Build the 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 RDB 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 | AI and Analytics 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 | Network Engineer |
| | Executed VOIP technology implementation for various clients. Configuration of CME and CUCM (VOIP servers). | |

Projects

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| 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. |
| Dec 2015 | Empirical Study on Network Flow Algorithms |
| | Implementing network flow algorithms like Ford Fulkerson and Pre-Flow Push using Java programming, and analyzing how input parameters affect the algorithm's performance. |