KANTHI KOMAR
Burlington, MA | (469)-929-4707 | kanthikomar@gmail.com | linkedin.com/in/kanthikomar | github.com/kanthikomar

AVAILABLE: SEP 2019

EDUCATION

MS in Computer Science | GPA: 3.67/4.0 .... Aug 2017 - Aug 2019
University of Texas at Arlington, Texas
- **Courses Undertaken**: Algorithms and Data Structures, Intelligent Systems, Cloud Computing, Machine Learning
- **Graduate Teaching Assistant**: Database Modelling and Design
  - Delivered lectures and assisted 50 students in building DBMS models

BE in Computer Science | GPA 3.4/4.0 .... Aug 2012 - Jun 2016
Visvesvaraya Technological University, India

WORK EXPERIENCE

Insight Data Science, Boston, MA   **Data Engineering Fellow**   Jan 2019 – Apr 2019
- Developed a scalable and distributed plagiarism detection tool for source code
- Batch processed 2TB of GitHub data using Spark on AWS, applied indexing on processed data
- Built a responsive Flask web application for users to view plagiarism results

Cognizant Technology Solutions, India   **Software Engineer in Test**   Jan 2017 - May 2017
- Built a Selenium test suite for end to end tests on a Java web application
- Incorporated missing unit tests on project modules improving code coverage
- Worked in an Agile environment and collaborated with team members to deliver the application.

ACADEMIC PROJECTS

Concurrent Service Manager   Aug 2019
(Java, Junit, Tomcat)
- Developed a service manager class which concurrently invokes a collection of service endpoints
- Developed a thread safe API for the service manager and wrote unit tests focusing on code coverage

Online Bidding System   May 2019
(Java, Servlets, JS, MySQL, REST API)
- Implemented scalable E-Commerce web application based on service-oriented architecture with RESTful Web Services using server-side development in Java.
- Built micro-services for features like Creating, Buying, Bidding on items and Shopping cart

Data Driven Insight Generator – Thesis   Jan 2019
(Data Mining, Algorithms, Python, Pandas, igraph, networkx)
- Developed a tool where business owners can get useful insights from their multifeatured data
- Developed a framework, with a naïve and efficient algorithm to achieve user's analysis objectives
- Iteratively incorporated improvements to the algorithm for better performance through experiments

Movie Trend Finder   Nov 2018
(Java, Map reduce, Parallel Programming)
- Used map-reduce framework to analyze how ratings influence the trends in movie genre

Bookstore Management System   Dec 2017
(Java, SQL Server, JSP, Servlets, JDBC)
- Developed a web interface that helps book store users to view books, place orders, access bills
- Generated reports for the book store admin to gain business insights by performing dimensional analysis

Max Connect 4   May 2017
(Python)
- Developed an interactive game using Min-Max Alpha Beta Pruning Algorithm
- Constructed an evaluation function to reduce the time taken by the algorithm to make smart decisions.

SKILLS

Languages:	Java, Python
Technologies:	Flask, JSP, Servlets, Hibernate, Oracle, HTML5, CSS3, Angular, MySQL, Selenium, Junit, Tomcat, REST
Big Data:	Apache Spark, Map Reduce, HDFS
Cloud and Version Control:	AWS, Git