

SAVANTH KUMAR BATTIKADI

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EDUCATION

Master's in Computer Science (Honor's Society)

Expected: Dec 2020

University of Arkansas, Fayetteville, AR, USA

Bachelor's in Computer Science & Computer Engineering

July 2012 – April 2016

JNT University, Hyderabad, India

TECHNICAL SKILLS:

Languages	: Python, R, Java, C, C++
Front-end	: HTML 5, CSS 3, Bootstrap 4, Java Script, ReactJS
Back-end	: JDBC, python ODBC, MySQL, SQL server
Bigdata/libraries	: CUDA, Scikit, Hadoop – Map Reduce, Scala Spark, PySpark, Azure, Kafka

INTERESTS: Classification Models, Natural Language Processing, Supply chain

PROFESSIONAL EXPERIENCE:

University of Arkansas, Fayetteville, AR (Full – time)

January 2020 – Till Date

Teaching Assistant – Database Management Systems

- Designed Assignments for students which closely resemble real world database schemas.
- Assisting over 100 students with assignments and overseeing their performance in the course.

University of Arkansas, Fayetteville, AR (Full -time)

August 2018 – December 2019

Research Assistant – Embedded Systems and System Design lab

- Designed a cost-effective way of logistic regression by accelerating computation intensive tasks on GPU and achieved over 14 times the performance.
- Designed a ROS topic for Hybrid Multiple Master – Multiple slave architecture and achieved fail proof communication between ceiling camera and Autonomous Robot. Path detection using watershed and A* algorithms.

University of Arkansas, Fayetteville, AR (Part – time)

September 2017 – July 2018

University IT Services – Classroom Technology Specialist

- Assisted professors with technology in the classrooms, on-call troubleshooting when required.

Defense Research & Development Organization (DRDO), Hyderabad, India. May 2015 – June 2017

Full time – Advanced system Laboratory (ASL)

- Designed and maintained a react application which receives path information from an R-pi, calculates the shortest distance dynamically and sends it back to the R-pi. Stress tested GCC compiler using C-Smith for scalability.

MACHINE LEARNING/ARTIFICIAL INTELLIGENCE PROJECTS:

- **Polarity of a corpus/Tweet:** Finds the sentiment of a person by his tweets, reviews on product-PYTHON
- **Support Vector Machine**– Predicting if a person has diabetes based on his health parameters – PYTHON
- **Auto completing a sentence** – Uses Markov chain, Shannon game and a context dictionary to replicate sentence suggestions feature of Google's search engine - JAVA
- **Web-Scraping.** – Scraping html files for useful information, used ply for performance, which is crucial while building search engines - PYTHON

<https://github.com/bsavanth>