Nimish Sharma
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Education

M.S. Computer Science	University of Texas at Dallas, Richardson	GPA: 3.89/4.0	Aug 18 - May 20
B.E. Computer Science	Bits Pilani, Hyderabad	GPA: 8.45/10.0	Aug 12 - July 16

Graduate Courses

Distributed Computing, Machine Learning, Big Data Management, Artificial Intelligence, Natural Language Processing

Technical Skills

Languages: Java, Python, C, Scala, Kotlin

Technologies: Spring, Docker, Akka

Big Data Technologies: Apache Hadoop, Spark, Flink, Kafka, ElasticSearch, Hive, Oozie, NumPy

Experience

University of Texas at Dallas — Richardson, TX

Graduate Teaching Assistant, CS 1335 & CS 1337 Processing & C++ — Spring 2019

Graduate Teaching Assistant, CS 2336 Object Oriented Programming — Fall 2018

Walmart Labs — Bangalore, India

Software Engineer — Aug 2016 - July 2018

- Developed microservices using Akka framework to replace the existing legacy monolith application
- Assignments included design, code, develop, test, document, build/install and deploy the services
- Design and built ETL pipelines to automate ingestion and processing of TBs of data using the tools and frameworks of the Hadoop Ecosystem
- Configure big data technologies as well as tune processes for performance at scale

BlueJeans Network — Bangalore, India

Software Engineer Intern — Jan 2016 - June 2016

- Wrote documentation and test cases for the Primetime platform using Enunciate and Junit frameworks
- Developed new api endpoints and worked on fixing production bugs

Academic Projects

VLC Marker Plugin
Built a VLC plugin to enable a user to mark sections of a video. These marked sections can be viewed later without need to search again through the video. Written in Lua.

Real Time Tweet Analysis
Built a data pipeline that ingested real time tweets, processed them using Flink and displayed their analysis on a Kibana dashboard. Written in Java.

Sync Breadth First Search
Implemented Synchronous Breadth First Search Algorithm on a Distributed Network. The distributed network was simulated via threads. Written in Kotlin.

Intelligent Poker Player
Built an Intelligent Poker player that calculated the probability of victory on every card turn and uses that to make an intelligent decision with respect to the game. Written in Prolog.