Bamshizur Raheja

- Email me on Indeed: indeed.com/r/Bamshizur-Raheja/39b1bc23d4557158

Willing to relocate: Anywhere

WORK EXPERIENCE

Software Engineer

Star Labs - New York, NY -

September 2015 to Present

Research, design, build and implement big data solution using latest open source distributed systems based out of the Hadoop Ecosystem
Integrated Hadoop Ecosystem with data pipeline based out of .NET technologies
Implemented scheduled ingestion of logs into Apache Hive using Apache Oozie and Cron scheduler
Implemented Transformation layer using Hadoop, Hive and ASP.NET components.
Develop and use standard development practices for coding including revision control and other software development life-cycle procedures to develop systems that meet architectural objectives including reusable, scalable code in an agile environment
Work within the team to help create and improve existing development processes to achieve higher productivity and better quality releases.
Communicate with QA to ensure consistency, testability and compatibility across product and server versions in general.
Scrum Master of development and support team responsible to deeply understand and report the status of the team's work

Data Scientist

Udacity - New York, NY -

September 2016 to March 2017

= Advanced Lane Finding
o Built an advanced lane-finding algorithm using distortion correction, image rectification, color transforms, and gradient thresholding. Identified lane curvature and vehicle displacement. Overcame environmental challenges such as shadows and pavement changes.
= Traffic Sign Classification
o Built and trained a deep neural network to classify traffic signs, using TensorFlow. Experimented with different network architectures. Performed image pre-processing and validation to guard against overfitting.
= Use Deep Learning to Clone Driving Behavior
o Built and trained a convolutional neural network for end-to- end driving in a simulator, using TensorFlow and Keras. Used optimization techniques such as regularization and dropout to generalize the network for driving on multiple tracks.
= Finding Lane Lines on the Road
o Detected highway lane lines on a video stream. Used OpencV image analysis techniques

to identify lines, including Hough Transforms and Canny edge detection.

EDUCATION

M.S. in Product Design

University of Colorado Boulder - Boulder, CO

August 2012 to May 2014

B.S. in Mechanical Engineering

Galgoppa College

August 2007 to May 2011

SKILLS

C# (2 years), Java (2 years), Python (2 years), Machine Learning (1 year), Etl (1 year)

LINKS

https://github.com/bashimurraheja

ADDITIONAL INFORMATION

➢ Strong experience in working in a team environment using standard development practices for coding including revision control and other software development life-cycle procedures to
develop systems that meet architectural objectives including reusable, scalable code in an agile environment.

Links
• Github
o https://github.com/Bashimur
• LinkedIn
o https://www.linkedin.com/in/bashir-raheja-5b426935

Technical Skills

Big Data: Hadoop Ecosystem, Elastic Search, Storm, Kibana, Spark, Kafka

Data Science: Keras, TensorFlow
HDFS, Map Reduce, HBase, Hive, Pig, Oozie, Zookeeper, Sqoop, Flume,
Hadoop Ecosystem:
Ambari, HUE
Hadoop
Hortonworks, Apache(open source)
Distributions:
DataBases: Oracle, SQL Server, Mongo DB, HBase
Languages and

Java, C#, Python, Spring, ASP .NET, JavaScript, Angular Js
Frameworks:

Operating Systems: Linux, Windows Server

Methodology: Agile Scrum

MS Utilities: MS Office Word, MS Office Excel, MS Office Power Point