Rohit Kumar Sharma

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OBJECTIVE

Research and Development full-time opportunity starting Summer 2020. Special Interest in Machine Learning.

EDUCATION

UNIVERSITY OF WISCONSIN-MADISON

M.S. COMPUTER SCIENCE
Expected May 2020
Cum. GPA: 4.0 / 4.0

BITS PILANI

B.E.(HONS.) COMPUTER SCIENCE
July 2016
Cum. GPA: 9.65 / 10.0

LINKS

Github:// **Rohit–Sharma**
LinkedIn:// **rohit–sharma**

COURSEWORK

GRADUATE

Machine Learning
Computer Vision
Data Science
Advanced Algorithms & Complexity
(Teaching Assistant)
Introduction to Artificial Intelligence

UNDERGRADUATE

Machine Learning & Data Mining
Artificial Intelligence
Information Retrieval
Operating Systems
Network Programming

SKILLS

Deep Learning • Tensorflow • Keras

PROGRAMMING

Proficient:
C/C++ • C# • Java • Shell
Python • R • Microsoft Azure
SQL Server • LaTeX

Familiar:
Android App Development
Assembly • HTML5 • JavaScript

LANGUAGES

Fluent:
English • Hindi • Telugu

EXPERIENCE

MICROSOFT | SOFTWARE ENGINEER

Jul 2016 – Aug 2018 | Hyderabad, India

- Designed and developed highly scalable, multi-tenant Azure solutions, primarily using Azure Logic Apps and Azure Function Apps to drive cost optimizations and improve the time responses.
- Delivered a presentation for the Cross Domain - Development Tools & Technologies (DEV) track on Fundamentals of Azure Container Service (AKS) at Microsoft Ready, Seattle.
- Participated thrice in the annual OneWeek hackathon and developed solutions such as Smart Farming and Cognitive Social Networking, iSocio.
- Microsoft Certified Professional (MCP) for:
      Developing Microsoft Azure Solutions
      Programming in C#

JP MORGAN CHASE & CO. | SOFTWARE ENGINEERING INTERN

Jan 2016 – Jun 2016 | Bengaluru, India

- Handled large volumes of Trade and Marketing data for Credit Risk Calculation using Apache Spark.
- Optimized the resource utilization by uniform distribution of workload across various compute nodes of the cluster.
- Participated in a 24 hr Codeathon and developed Hadoop File Analyzer to view and scrutinize certain binary Hadoop file formats like Parquet and Avro.

BHABHA ATOMIC RESEARCH CENTER | SOFTWARE ENGINEER TRAINEE

Summer 2014 | Mumbai, India

- Evaluated the performance of Cascade Classifiers for Classifier Training and Real-time Object Detection using OpenCV.
- Researched various ways of creating a Cascade Classifier using feature types namely Haar, LBP, and HOG features, and assessed the classifier's performance in Real-time object detection.

BITS PILANI | RESEARCH ASSISTANT

2015 | Hyderabad, India

- Developed a Supervised Learning Model using SVM for the quantification and classification of Neuromuscular Disorders using Leap Motion Controller.

AWARDS

- Consistently placed in the top 5 among 700 students in all the semesters at BITS Pilani and received Merit Scholarship for the same.
- Secured 3rd Rank in Computer Science and 4th Rank in the University among the students graduating in 2016 at BITS Pilani.

EXTRACURRICULAR ACTIVITIES

Active Member	NSS (National Service Scheme), BITS Pilani Chapter
Volunteer	Nirmaan, an NGO founded by BITS Pilani
Core Member	Department of Security and Hospitality at Pearl
Technical Team Member	Computer Science Association at BITS Pilani