

# Manav Bagai

Masters in CS Student at Arizona State University

I am a Masters in Computer Science Student at Arizona State University, I intend to enhance my knowledge in the area of Big Data, DevOps, Artificial Intelligence, and Machine Learning. I would love to collaborate with people doing projects in these areas.



✉ manavbagai@gmail.com

☎ +14805708392

📍 Tempe, AZ, USA

🌐 manavbagai.github.io

🌐 linkedin.com/in/manav-bagai

## WORK EXPERIENCE

### Big Data Engineer Exadatum Software Services

11/2016 – 02/2018

Pune

Specialized Engineering Consulting firm working on highly sophisticated and complex Big Data, Cloud Computing, and DevOps solutions

#### Achievements/Tasks

- Engaged in Architecture and Commercialisation of complex Data Engineering solutions over Cloud.
- Worked on domains like Retail and Healthcare and technologies like Hadoop, Spark, Docker, AWS, Python, Java, Scala, Apache Nutch, Neo4J, Play Framework and Salt-Stack.
- Worked on two projects namely "Recommendation System and Chat-bot" in a four-member team and "Ingestion, Data Analysis, and Visualization of Cardiovascular Patient Data" in a three-member team.
- Actively contributed to the company products like XStream and XInterview.

Contact: Sandip Mehta – sandeep@exadatum.com

## EDUCATION

### Masters in Computer Science Arizona State University

08/2018 – Present

Tempe

### Computer Engineering Aligarh Muslim University

07/2012 – 06/2016

Aligarh

#### Projects

- Major Project: Query Focused Multi-Document Summarization
- Minor Project: Speedahead.com, a Vehicle Management System
- Text Based Plagiarism Detection, also published a research paper on the same at IJTRE
- 8085 Microprocessor Simulator

### SSSC Aligarh Muslim University

### High School Delhi Public School

## SKILLS

Programming Languages- Python, Java and Scala

DevOps- Docker, SaltStack, AWS- EC2 & VPC, Jenkins

Backend Web Development- Play Framework, Django

Big Data & Analytics- Hadoop, Spark, Pandas, Numpy

Databases- SQL, Neo4J, Hive

Machine Learning- Tensorflow

NLP- Stanford Core-NLP, WordNet

Web Crawling- Apache Nutch- 1.12

Orchestration- Apache Airflow

## CERTIFICATES

### Neo4J Certified Developer (02/2017)

Certified by Neo Technologies, Creator of Neo4J

### Functional Programming Principles in Scala (01/2018)

Certified by Coursera

### Functional Programming in Python (12/2017)

Certified by Udemy

## INTERNSHIPS

### Deep Learning Internship at Radix Softwares

Worked to various machine learning and deep learning algorithms as well as libraries like Tensorflow and Keras

### Research Internship at CSIR-CDRI

Worked on a complete market analysis of Automatic Epilepsy Detection and Prediction under Dr. Sukant Khurana, a scientist at CSIR-CDRI. I have written a Medium article and a journal paper.

### Web Development Internship at LearningWhileTravelling

Worked on developing a Social Discovery Platform in Django Framework.

## INTERESTS

Data Science

Machine Learning

DevOps

Big Data

Data Engineering

Cloud Computing