

Deepali Garg

dgarg@umass.edu

EDUCATION

UNIVERSITY OF MASSACHUSETTS, AMHERST

MS IN COMPUTER SCIENCE

Expected May 2020 | Amherst, MA

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

B.TECH IN INFORMATION

TECHNOLOGY

Graduated in May 2015 | India

CGPA: 3.94 / 4.0

LINKS

LinkedIn:// [DeepaliGargCS](#)

COURSEWORK

GRADUATE

Machine Learning

Neural Networks

Algorithms for Data Science

UNDERGRADUATE

Data Structures

Design and Analysis of Algorithms

Operating Systems

Computer Networks

Database Systems

Software Engineering

Unix and Linux programming

SKILLS

PROGRAMMING

Over 5000 lines:

JavaScript • HTML • CSS

Over 2000 lines:

C • C++ • Java

Familiar:

Matlab • Python

EXPERIENCE

CAPITAL ONE | ASSOCIATE DATA ENGINEER

August 2016 – May 2018 | Bengaluru, India

- Led the interface design of DataSense, a data quality tool, and contributed towards 60% UI development in AngularJS. It reduced time for data quality processing by 90%.
- Created APIs and business logic for Data Validation tool in SpringBoot, reducing processing time of billions of rows of data by 85%.
- All code was reviewed, perfected, and pushed to production.

CA TECHNOLOGIES | ASSOCIATE SOFTWARE ENGINEER

July 2015 – July 2016 | Hyderabad, India

- Created UI components for Service Desk Manager using AngularJS, replacing legacy UI and improving loading time.
- Contributed to the Proof of concept that led to adoption of ElasticSearch, replacing legacy Federated Search.
- Fixed Cross-site scripting issues in old Service Desk Manager version by implementing OWASP solution in Java.

AIR INDIA LIMITED | SUMMER INTERN

June 2014 – July 2014 | New Delhi, India

- I single-handedly creating an Enterprise Java-based web application for handling distributed data of Pilot trainees
- It replaced the archaic practice of storing data in flat files.

AIRPORTS AUTHORITY OF INDIA | SUMMER INTERN

June 2013 – July 2013 | New Delhi, India

- Worked in a team to create an Enterprise Java-based web application that handled and routed customer complaints for the organization.

AWARDS

2017 Quarterly Award

2017 Monthly Award

2016 Monthly Award

2015 Above and Beyond Award

2010 Youth for Leadership in Science

2010 .1 Percentile Scorer in Science

Capital One

Capital One

Capital One

CA Technologies

Central Scientific Instruments Organization

Central Board of Secondary Education