

## Contact

[www.linkedin.com/in/singhchaman](https://www.linkedin.com/in/singhchaman)  
(LinkedIn)

## Top Skills

Python (Programming Language)  
Python  
Machine Learning

## Languages

Hindi (Native or Bilingual)  
English (Native or Bilingual)

## Certifications

edX Honor Code Certificate for  
Introduction to Computer Science  
and Programming Using Python  
edX Honor Code Certificate for  
Computation Structures - Part 1:  
Digital Circuits  
Python for Everybody Specialization  
Machine Learning  
Data Science @Cisco Green Belt

# Chaman Singh

Master's Student in Electrical and Computer Engineering at  
Northeastern University focusing on Machine Learning  
Boston, Massachusetts, United States

## Summary

I am a graduate student at Northeastern University with an interest in applications of machine learning in different AI fields and healthcare. Looking for opportunities to explore the realm of AI/ML, I am open to Data Science and Python developer roles.

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## Experience

### Khoury College of Computer Sciences

Graduate Teaching Assistant  
September 2022 - Present (8 months)  
Boston, Massachusetts, United States

Graduate Teaching Assistant for the Machine Learning Course

### DTN

Software Engineer  
June 2022 - August 2022 (3 months)  
Boston, Massachusetts, United States

Software Engineer - Python/ML Coop

### Khoury College of Computer Sciences

Graduate Teaching Assistant  
January 2022 - May 2022 (5 months)  
Boston, Massachusetts, United States

Graduate Teaching Assistant for the Natural Language Processing Course

### Cisco

Software Engineer  
February 2020 - September 2021 (1 year 8 months)  
Bengaluru Area, India

- Developed analytic capabilities to proactively predict the probability of device crashes in a network using machine learning over data from 3 million devices

- Used machine learning to provide insights into why the devices are at high risk of a crash and provide recommendations accordingly to help in taking preventive measures to stop the devices from crashing

## Capgemini

2 years 8 months

### Associate Consultant

October 2018 - February 2020 (1 year 5 months)

Bengaluru Area, India

### Senior Analyst

July 2017 - September 2018 (1 year 3 months)

Bengaluru Area, India

- Developed an automated analysis system of a network to address stability and reliability needs, recommending diagnosis
- Extracted relevant information from raw data using python scripts and big data and applied Cisco best practices upon it to produce human-readable insights to be used in proactively monitoring the network

## Moser Baer India Ltd

### Summer Intern

June 2016 - July 2016 (2 months)

### IT Support and Network Administration

The responsibilities included software support and board level hardware repairing of computer systems, configuring the routers and switches, managing the network and the control of LAN, WAN and VLANs in an organization having about 2500 computer systems, 4000 users and a very well engineered network infrastructure. I also learnt how the traffic is monitored to provide/block access to maintain the security.

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## Education

### Northeastern University

Master of Science - MS, Electrical and Computer Engineering · (September 2021 - May 2023)

### National Institute of Technology , Patna

Bachelor of Technology (B.Tech.), Electronics and Communications Engineering · (2013 - 2017)