# Mahvash Maghrabi

|| maghrabi.m@northeastern.edu || LinkedIn: mahvash-maghrabi || +1(425) 667-2321 ||

## EDUCATION

**Northeastern University**, Seattle, WA                                                                         January 2022 - Present
Master of Science in Computer Science

**Dr. Babasaheb Ambedkar Technological University**, Maharashtra, India                   June 2017 - June 2021
Bachelor of Technology in Computer Science

## TECHNICAL KNOWLEDGE

| | |
|---|---|
| **Operating Systems:** | Redhat, Ubuntu, Microsoft Windows, Android, Mac OS, Kali Linux |
| **Languages**: | Java, Python, C, C++, Prolog |
| **Databases**: | MySQL, Oracle, PostgreSQL |
| **Web technologies**: | HTML, CSS, JavaScript |
| **ML Packages**: | Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn, SciPy, NLTK |
| **Tools:** | Eclipse, Jupyter, Visual Studio, IntelliJ IDEA, PyCharm |

## WORK EXPERIENCE

**Khoury College of Computer Sciences,** Seattle, Washington                                           August - Present
Graduate Teaching Assistant
- Assisting the professor in conducting weekly codewalk sessions, grading Java programming assignments and supporting students with their coursework.

**Quinnox Consultancy Services,** Mumbai, India                                                            July - December 2021
Software Developer Trainee
- Developed an Airline Reservation System that integrated the flight details from various sources and enabled the users to book flights using Java for backend development and JDBC to access the database.

**Aiolos Cloud Solutions,** Aurangabad, India                                                                     June–August 2020
Data Science Intern
- Performed data analysis on an insurance company data set and developed a loan defaulter prediction model to find whether a customer will pay the next premium or not using various machine learning algorithms.

**EC-Mobility,** Aurangabad, India                                                                                       June–August 2019
Data Engineer Intern
- Performed data annotation of images with arguments for AI projects on driverless cars. Achieved weekly targets by 90% and provided progress reports to higher management and clients.

## PROJECTS

**Wikipedia Comment Classifier**                                                                                        April - May 2022
- Built a Machine Learning Model that could classify wikipedia comments as a personal or non-personal attack using information from  multiple annotators.

**Predicting Boston House Prices with Regression**                                                           June–July 2021
- A machine learning model using linear regression was developed to predict the monetary value of houses. The dataset used represented information about 14 features of homes from different suburbs located in Boston. Various python libraries like sklearn, matplotlib, pandas and numpy were used.

**Content Identification and Relocation of Text from Images**                                   January - March 2021
- An application was developed using pre-existing data and machine learning algorithms to recognize the text in images and translate the text into different languages according to user preference

**Shopping Mall Database**                                                                                          August - September 2020
- A database design project (SQL) where a management system was developed for a shopping mall to store, manipulate and search products in the itinerary as well as products purchased by the customers and their contact information. Designed an ER-model and translated the model to relational schema for the database.

## TRAININGS AND CERTIFICATIONS

- Professional Certificate in Data Analytics, Google                                                            June 2021
- Training Certificate in Artificial Intelligence, Sambhav Foundation, Dell India Limited        March 2021
- Machine Learning Foundations: A Case Study Approach, Coursera                                  January 2021
- Programming for Everybody (Getting started with Python), Coursera                                May 2020
- Artificial Intelligence for Everyone, Coursera - Deep Learning.AI                                       May 2020
- Training Certificate in Red Hat Certified System Administration (RHCSA)                      December 2018

## PUBLICATIONS

- Published research paper 'At Home Testing to Reduce the Spread of COVID-19' in IJARSCT (ISSN NO:2581-9429)                                                                                                            March - June 2021