

ABHISHEK SRIVASTAVA

892 Huntington Avenue, Boston, MA 02115



+1-(617) 407 4828



shivastava.abh@northeastern.edu



LinkedIn



GitHub

Available: Jan. 2021 - June 2021

EDUCATION

Northeastern University, Boston, MA

Jan. 2020 - Present

Khoury College of Computer Sciences

Candidate for Master Of Science in Artificial Intelligence

Expected Graduation : Jan. 2022

Related Courses : Foundation of Artificial Intelligence, Probability and Linear Algebra

Indian Institute of Information Technology (IIIT), Jabalpur, India

Aug. 2012 - July 2016

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Related Courses : Machine Learning, Natural Language Processing, Data Structure and Algorithms, DBMS, Computer Graphics

TECHNICAL SKILLS

Programming Languages: C, C++, Java, AngularJS, Python

Concepts/Frameworks: Machine learning, Deep Learning, CNN, RNN, Tensorflow, Keras, Pytorch

Protocols: Data Structure and Algorithms, REST Services

Databases: MySQL, Oracle 11g

Certificates: Coursera Deep Learning Specialization

PROFESSIONAL EXPERIENCE

Software Engineer Professional, BT Eserv, India

July 2017 – Dec. 2019

Agile Integration Broker(AIB)

- Developed Agile Integration Broker tool using Java, Oracle 11g and ActiveMQ
- Researched advanced state optimization algorithms for lazy loading and deterministic finite automata
- Expanded the use of application to multiple BT products
- Awarded recognition from Director for excellent work

Application Management Console(AMC)

- Lead developer in a team of 4 for Application Management Console, which is used by BT customers to track their orders.
- Enhanced features in AMC to show status of orders in graphical mode using AngularJS and RESTful services
- Wrote selenium and mocha test cases
- Trained people in AngularJS and selenium testing

ACADEMIC PROJECTS

Reimplementation of AlphaGo Zero on Gomoku

Northeastern University, Boston MA

Jan. 2020 - Present

- Researched AlphaGo zero paper and created a variation for GomoKu
- Developed neural network and game environment from scratch using PyTorch and Deep Neural Networks
- Implemented MCTS search with neural networks using PyTorch

Leaf Classification for State Forest Department

IIIT Jabalpur, India

Jan. 2016 - April. 2016

- Collected and Filtered data from state forest department database
- Implemented leaf classification software using CNN in Keras
- Recognised by faculty for innovative implementation