Shubham Rastogi

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EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY
B.tech in Computer Engineering
Expected May 2019 | Delhi, India
Cum. GPA: 6.79

GANDHI MEMORIAL INTERNATIONAL SCHOOL
IB Diploma, CBSE (XII)
May 2015 | Jakarta, Indonesia
IB: 39/45 CBSE: 94.2%

LINKS

LinkedIn:// **Shubham Rastogi**

COURSEWORK

UNDERGRADUATE
Database Management Systems
Algorthms Design
Operating Systems
Discrete Mathematics
Pattern Recognition
Computer Vision
Computer Graphics
Parallel Algorithms
Machine Learning

SKILLS

PROGRAMMING
Python • C++• Tensorflow • R
LaTeX • PHP
DATABASES
MySQL • MongoDB
TOOLS
Python • Selenium• Beautifulsoup
Wndows • Linux•AWS cloud

MOOCS

Machine Learning- Coursera
Machine Learning Engineer Nanodegree-
Udacity (Ongoing)
Intro to Artificial Intelligence- Udacity
Linear Algebra - MIT

EXPERIENCE

PINGAL TECHNOLOGIES | Summer Intern
June 2018 – July 2018 | Mumbai,India
Fintech startup that uses cutting-edge technologies for data analytics in financial institutions.
- Web scraping- Created real-time automated scripts that efficiently collect and store raw online data in a cloud database using Selenium and Beautifulsoup.
- Data Engineering- Designed and built complex pipelines that transform raw data into structured databases for analysis.
- Data Analytics - Analyzed structured time series data for interesting information using python and Finalytx (a product of Pingal Technologies).

REDINGTON (INDIA) LIMITED | Summer Intern
June 2017 – July 2017 | Chennai, India
- Full Stack Web Development- Created an event manager website. The backend stack used was LAMP and frontend was created using bootstrap and javascript.
- Cloud Computing- created and managed servers on Microsoft Azure for data mining pipelines and powerBI.

RESEARCH

DELHI TECHNOLOGICAL UNIVERSITY | Assistant Researcher
August 2017 – Present | Delhi,India
- Time Series Research(Ongoing): An project aimed at publishing a paper in a reputable journal. Tasked with implementation of modern swarm intelligence techniques in on-line time series data prediction.
- A survey paper discussing recent works of neural networks on time series data analysis. Accepted in ICISC, 2018 conference.

PROJECTS

MACHINE LEARNING | Time Series Analysis
August 2017
Extreme Learning Time Series Prediction Models: Implemented on Tensorflow a module that predicts data future data based on univariate time series data using Online Sequential Learning and Online Sequential Extreme Learning Model .

MACHINE LEARNING | Gamebot
December 2017 - January 2018
A complex game bot that used neural networks to compete in the Halite II challenge hosted by TwoSigma.

MACHINE LEARNING NANODEGREE | Udacity
june 2017 - Present
Multiple Projects as provided by the Nanodegree: Supervised, Unsupervised learning,Reinforcement Learning and Deep Learning.

SOCIETIES

HINTON LEARNING GROUP | Co-founder
August 2017 - Present
A special interest group on deep learning and machine learning. Managing peer taught lessons, coding sessions and paper readings to promote and work on recent developments in Deep Learning.