



Razeeb Sarker

Contact

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[Github-Link](#)
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Programming

- Python, R
- C++, Java (basic)

ML Libraries

- Pandas
- Numpy
- Sklearn
- NLTK, Spacy
- Tensorflow
- StatsModel

Visualization

- Matplotlib
- Seaborn
- Ggplot2
- PowerBI
- Tableau

Data Base

- SQL

Web Dev.

- HTML5, CSS
- JavaScript (basic)

Cloud Env.

- Azure ML (basic)
- Git, Jupyter Env.

Language

- English: C2
- Deutsch C1

Others

- Microsoft Excel
- Microsoft Word
- PowerPoint
- Gantt Diagramm (PM)

Starting & Relocation

- Starting: 15.03.2022
- Relocation: Yes

Declaration

I hereby declare that all the above information is true to the best of my knowledge and belief.

Algorithms & Math Knowledge

- Time Series processes, Forecasting, Statistical Assumptions, Regression, Classifications, Clustering, SVM, PCA, MLP, CNN, RNN (LSTM, BiDirectional LSTM, GRU), GAN, Optimizers, Objective Functions, Performance Metrics.

Experience

Data Science Project-Student, Archaeoinformatics - Data Science, University of Kiel (Dec. 2021- Ongoing).

- Project Name: Correcting randomly shifting Compass Data by applying Machine Learning Methods in Time Series Analysis (leads to master thesis; 30 ects).
- The project deals with solving a physical oceanographic question by Machine Learning.

Data Science Werkstudent, Goslar Green Media GmbH, Kronberg (Oct. 2021- Dec. 2021).

- Developed a system to count outdoor audiences from Hystreet.com API.
- Performed data ETL from tracker app into MySQL, cleaned-up, analyzed.
- Tested and evaluated WiFi-based people counting solution provided by roadads.com.
- Participated in both technical & business meetings.

Data Analyst Intern, Helmholtz-Zentrum Hereon, Geesthacht (Mar. 2019 - Apr. 2019).

- Performed Chlorophyll-a data ETL from Ferrybox database.
- Preprocessed, cleaned, performed descriptive statistics.
- Visualized and interpreted the results in a meeting.

Deck Cadet to Captain of Fishing Vessel, Bangladesch (Mar. 2009 - Aug. 2017).

- Ensured commercially viable fishing operations, managed seaman, communicated stakeholders, maintained ship safety, and worked in teams and individually in the Wheelhouse for scheduled watchkeeping.

Projects

Application of generalized linear models in ANOVA.

- A 12 ECTS project on linear regression, GLM, and Analysis of variance.
- Tools used: R, and various data cleaning, analysis, and statistical R-packages.

Hand gesture recognition with TensorFlow and OpenCV (Python).

- Worked in a team of 4 people, and built a ML model for hand gesture recognition.
- Tools used: TensorFlow, OpenCV, Pandas, Numpy, sklearn, matplotlib.

Phishing URL detection (deep learning project).

- Worked in a team of 4 people from 4 diff. studies.
- Tools used are TensorFlow, Pandas, Numpy, Sklearn, Matplotlib.

Education

Environmental Management, Master; University of Kiel (Oct. 2018 - Ongoing).

- Focused on data analysis, modeling, statistics, machine learning, programming language, and GIS and Remote sensing.

Fishing Vessel Mate Competency, Diplom; Ministerium für Schifffahrt, Bangladesch (May 2015) .

- Marine Navigation, Ship Operation, Meteorology, Math & Applied Sciences.

Bachelor in Marine Fisheries, National University, Bangladesh (Mar. 2006 -Mar. 2009)

- Focused on Biochemistry, Zoology, Marine Fisheries, Quality Control & HACCP Management, and Oceanography.
- Stood first in the class

Certificates & courses attended

- Deep Learning from scratch (opencampus-sh),
- Machine Learning with TensorFlow (opencampus-sh).
- Neural Network Deep Learning (Deep learning.AI).
- Sequence Models (NLP, Andrew Ng Coursera)
- Machine Learning: Learn Python & R for Data Science (Udemy),
- Agile Project Management from Google & Coursera (ongoing).
- Learn Power BI Fast (Udemy.com)
- Getting Started with Power BI Desktop (Cousera).
- Initiating and Planning Projects (Coursera & UC Irvine)