

Prakash Samanta

Pursuing M.Sc in Big Data Analytics
Production Engineering Undergraduate

Keen to solve challenging real world problems in a collaborative atmosphere. An inquisitive mindset and contemplative thinking enable me to happily explore new subjects and shape innovative ideas.



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WORK EXPERIENCE

Graduate Engineer Trainee (GET) Ajanta Shoes Pvt. Ltd.

07/2019 - 07/2020 *Kolkata, West Bengal, India*

Achievements/Tasks

- Daily, Weekly & Monthly machine planning
- Analyzed & minimized rejection percentage using Pareto Chart & Root Cause Analysis
- Reduced cycle time by using Time Study Analysis & Efficient cost-saving by optimizing manpower allocation
- Analyzed OEE, MTTF, MTTR, MTBF, etc. using breakdown reports

Summer Intern Tata Motors Ltd.

05/2018 - 06/2018 *Jamshedpur, Jharkhand, India*

Achievements/Tasks

- Completed two projects on Tool Management & Manpower Management which resulted in a reduction of cycle time as well as manpower cost on Prima Trim Line.

EDUCATION

M.Sc in Big Data Analytics Ramakrishna Mission Vivekananda Educational and Research Institute, Belur, Howrah

09/2021 - Present *SGPA 6.67 (Upto 1st Semester)*

Courses

- Machine Learning
- Time Series Analysis
- Optimization Algorithms
- Computer Vision

B.E in Production Engineering Jadavpur University, Kolkata

07/2015 - 07/2019 *CGPA 7.25*

Courses

- Operations Research
- Production Management

Higher Secondary (10+2) Ramnagar Abinash High School (H.S)

05/2014 - 05/2015 *92.6 %*

Secondary (10) Ramnagar Abinash High School (H.S)

03/2012 - 05/2013 *94.8 %*

SKILLS

R Python Microsoft Office Machine Learning
Deep Learning Pytorch Scikit-Learn Numpy
Pandas Matplotlib Seaborn

PERSONAL PROJECTS

Neural Topic Models(Under supervision of Dr. Debarshi Kumar Sanyal, Assistant Professor, School of Mathematical & Computational Sciences, IACS)
(02/2022 - 06/2022)

Abstract Text Summarization (02/2022 - 06/2022)

- The model is trained and tested on Amazon Fine Food Reviews Dataset
- Using the Attention mechanism we focused on specific keywords while maintaining the context of our sentence.

Heart Disease Prediction from lifestyle and existing health condition (05/2022 - 07/2022)

- Analysis of optimization algorithms used in Machine Learning and Deep learning through visualization (in Python)
- Insights about SGD & its variants.

Effect of Covid -19 and lockdown on People's Health and Financial Condition (09/2021 - 01/2022)

- The project aims at to observe how Covid-19 as well as lock-down affected the people mentally, physically, financially.
- It also aims to find which area people are focusing more during this period.

LANGUAGES

English
Full Professional Proficiency

Bengali
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

INTERESTS & HOBBIES

Playing Badminton, Table Tennis

Solving Puzzles & Sudoku