

SHOWMIK SETTA

Researcher, Data Analyst, Software Engineer, Innovator, Faculty

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OBJECTIVE

4 Years 8 months of experience as a PGT Computer Science faculty and to become a successful expert in the field of Research, Data Science and Machine Learning by channelizing my technical knowledge and skills to ensure personal and professional growth and to contribute to the prosperity of the organization.

EXPERIENCES

PGT Computer Science Faculty

DAV Public School

April 2022 – May 2023

Haldia

- Teaching Computer Science for XI and XII

Zoom International School

October 2018 – April 2022

Durgapur

- 3+ years experience in teaching computer science for XI and XII
- Working as a Head of Department.

Hospital Management Solution(Live Project)

Dr. DM Tech Pvt. Ltd

August 2017 – November 2017

Kolkata

- This application includes both front-end and back-end developments. It is an Enterprise Resource Planning product which is running in various hospitals. I worked as a Database Administrator to maintain data in databases over 7 different hospitals and developed new modules as per client choice. These applications are based on Oracle D2K, Oracle 10g, Oracle Apex and Oracle 10g.

RESEARCH PUBLICATIONS

- Singh, Pradeep & Setta, Showmik & Singh Rajput, Ishwari. (2019). A Modified Spearman's Rank Correlation Coefficient for an Efficient Method of Similarity Calculation in Collaborative Filtering-Based Recommendation. SSRN Electronic Journal. doi 10.2139/ssrn.3368728.
- Singh P.K., Setta S., Pramanik P.K.D., Choudhury P. (2020) Improving the Accuracy of Collaborative Filtering-Based Recommendations by Considering the Temporal Variance of Top-N Neighbors. In: Khanna A., Gupta D., Bhattacharyya S., Snasel V., Platos J., Hassanien A. (eds) International Conference on Innovative Computing and Communications. Advances in Intelligent Systems and Computing, vol 1087. Springer, Singapore. doi 10.1007/978-981-15-1286-5.
- Setta S., Sinha S., Mishra M., Choudhury P. (2021) Real-Time Facial Recognition Using SURF-FAST. In: Sharma N., Chakrabarti A., Balas V.E., Bruckstein A.M. (eds) Data Management, Analytics and Innovation. Lecture Notes on Data Engineering and Communications Technologies, vol 71. Springer, Singapore. https://doi.org/10.1007/978-981-16-2937-2-32

LIFE PHILOSOPHY

"Think so big that everybody think that you are mad."

EDUCATION

B.Ed

The University of Burdwan

2018 – 2021

Burdwan, India

DGPA: 9.04

M.C.A in Computer Application

MAKAUT

2015 – 2018

Hooghly, India

DGPA: 7.96

B.C.A in Computer Application

The University of Burdwan

2012 – 2015

Durgapur, India

Percentage: 58.7

Higher Secondary in Science

W.B.C.H.S.E

2012

Durgapur, India

Percentage: 48.8

Secondary Education

W.B.B.S.E

2010

Durgapur, India

Percentage: 53.8

SUBJECT OF INTEREST

Collaborative Filtering Data Analytics
Machine Learning Computer Vision
Data Visualization Debugging
Software Engineering Research

TECHNICAL SKILLS

Python Pandas HTML / CSS SQL
ERP Oracle Forms and Reports JAVA
EXCEL

RESEARCH PROJECTS

Similarity analysis between cross domain in collaborative filtering

National Institute of Technology

📅 22nd August, 2019 – Present

📍 Durgapur

Sentiment Analysis on Twitter Dataset

National Institute of Technology

📅 April, 2021

📍 Durgapur

Machine Learning and Sentiments Analysis Analysing Customer Reviews

Kamla Nehru Institute of Technology, Sultanpur (U.P.) - KNIT

📅 July, 2023

📍 Durgapur

CONFERENCES

Real Time Facial Recognition Using SURF-FAST

5th International Conference on Data Management, Analytics and Innovation

📅 15-17 January 2021

📍 Virtual Platform

- We have introduced an innovative method aimed at accelerating the process of Facial Recognition.
- Engaged as both an author and a presenter of a research paper.

EXTRA-CURRICULAR CERTIFICATIONS

- Completed Intro to Python Data Science course from DataCamp.
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning an online course authorized by DeepLearning.AI and offered through Coursera.
- Participated in TEQIP-III Sponsored Recent Trends in Machine Learning and Soft Computing (2018), NIT Durgapur.
- Participated in COMPOSIT 2018 IoT and Embedded System Workshop, IIT Kharagpur and Infi-Zeal Technologies.
- Participated in IBM Bluemix DB2 Workshop, IBM Kolkata.
- Participated Big-Data, Hadoop Workshop.
- Participated Python Workshop conducted by IITB.

PERSONAL DOSSIER

- Date Of Birth - 03.09.1993
- Father Name - Sambhu Nath Setta
- Marital status - Unmarried
- Nationality - Indian
- Religion - Hindu

IDE SOFTWARES USED

Jupyter Notebook

PyCham

MySQL

MATLAB

Oracle 10g, 11g

Turbo C++

Oracle APEX

Oracle Forms and Reports 6i

MOST PROUD OF



Position I hold

- Federation Technical Official of Athletics Federation of India
- Technical Official of West Bengal Athletics Association
- Technical Official in International Tata Steel 25K Road Race 2016 - 2022
- Organizer of Various Athletics Championships.



Other Sports Roles

- Former State level Player in Athlete.
- Former All India Inter-Steel Plant Athlete(DSP,Durgapur).

STRENGTHS

Communication

Research

Time-Management

Collaboration

Teaching

Critical Thinking

Smart-Working

Leadership

Risk-Handling

Fast Learner

LANGUAGES

English

Bengali

Hindi

