Arpit Mallick

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EDUCATION

University of California, Riverside   *Sept 2022 to June 2024*
Master of Science in Computer Engineering

Kalinga Institute of Industrial Technology, Bhubaneswar, India   *July 2017 to May 2021*
B.Tech in Computer Science and Engineering

RELEVANT WORK EXPERIENCE

Wipro Limited, India
Designation: Project Engineer   June 14, 2021 to June 30, 2022

Worked on a project with Lloyds Banking Group, UK as a .NET developer. Here we basically used to migrate applications, systems and storage to a cloud environment for scalability, improved productivity and operating costs. This accelerates time to market, without compromising security and compliance.

PRESENTATIONS/PUBLICATIONS

1. Presented a research paper titled "**Application of Machine Learning Algorithms for Prediction of Sinter Machine Productivity**"in the 15th INDIACom-2021, 8th international conference on 'Computing for Sustainable Global Development'(**IEEE Conference ID: 51348)**held at New Delhi, India from 17-19th March'2021

2. Published in proceedings of the 15th INDIACom-2021, 8th international conference on 'Computing for Sustainable Global Development' in **IEEE Xplore**titled "**Application of Machine Learning Algorithms for Prediction of Sinter Machine Productivity**"Arpit Mallick, S. Dhara and S. Rath, Page 137-143   **Link:**https://ieeexplore.ieee.org/document/9441079

3. Published a research paper as principal author in **Elsevier's** journal 'Machine Learning with Applications (MLWA)' titled"**Application of Machine Learning Algorithms for Prediction of Sinter Machine Productivity**"Arpit Mallick, S. Dhara and S. Rath, Vol.6 (2021) 100186
Link:https://doi.org/10.1016/j.mlwa.2021.100186

ACADEMIC PROJECTS

1. *Walmart Sales Prediction(Major Project)*   *Dec 2020 to Apr 2021*

Analyzed sales across different departments by store type and created weekly report
Analyzed effect of various factors to determine significant effects in explaining sales in the stores by using Linear Regression

2. **Audio event detection (Minor Project)**   *Dec 2019 to Apr 2020*

Demonstrated the classification of environmental sounds, specially focusing on the identification of particular urban sounds by applying deep learning techniques

3. Online Employee Management System (Summer Internship) at M/s MECON India Limited   *June 2019*

Developed employee management online portal using C#, Visual studio and SQL developer

4. Online Complaint Management System (Summer Internship) at M/s R&D Centre for Iron & Steel, SteelAuthority of India Limited
May – June 2018

Developed complaint management online portal using Java, Oracle 10g and SQL developer

RELATED COURSEWORK

Machine Learning – ML with Python (by IBM from Coursera), Neural Networks and deep learning (by DeepLearning.AI from Coursera), Improving deep neural networks (by DeepLearning.AI from Coursera), DeepLearning.AI TensorFlow Developer Professional Certificate program, Python for data science (by NPTEL), Artificial Intelligence Workshop (by IIT, Kharagpur)

Python – Programming for everybody (Getting started with Python) from Coursera, Python Data Structures (from Coursera)

Networking – Protocols, Topologies, OSI Model, TCP/IP, LANs, MANs, WANs, Devices Data Transmission (Cisco Certified Network Associate)

SKILLS

C, C++, C#, Java, HTML, Python, MySQL, .NET, Machine Learning, Deep Learning and Neural Networks, Data Structures, Computer Networks, Operating System, Compiler Design

EXTRA-CURRICULAR

1. Participated in events organized at college to raise monetary support for social and humanitarian causes
2. Student representative of my class from May 2018 to May 2021
3. Organizing Committee Member of KIIT Fest – 2019, threedays annual University festivalOrganized blood donation camp in our locality and donated blood to help the needy patientduring COVID-19 pandemic