MANAN MITTAL

ELECTRICAL ENGINEER

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EXPERIENCE

Ernst & Young LLP
Gurgaon, Haryana
Analyst: Data and Analytics, TAS, GDS
16/12/2018 – Present (10 Months)
Contributing towards the creation/development of a set of tools, Techniques and practices that maximizes the impact and efficiency of the Team.

SCHNEIDER ELECTRIC INDIA Pvt. Ltd. HYDERABAD
CLAIM MANAGEMENT ENGINEER
2/07/2018 – 10/11/2018 (4 Months)
Enhancing Customer Experience in Customer Satisfaction and Quality, Global Supply Chain Hyderabad, India.
Responsible for managing customer relations/claims, analyzing RTA and TEX reports.

TRAINING

NATIONAL INSTITUTE OF SOLAR ENERGY, GURGAON
RESEARCH INTERN
11/01/2018 – 07/06/2018

Performance Prediction and Modeling of SPV Module using MATLAB/SIMULINK

- Electrical Equivalent Circuits
- IEC 60891 STANDARDS
- ARTIFICIAL NEURAL NETWORKS

RANJIT SAGAR POWER PLANT, PATHANKOT
SUMMER INTERN
01/06/2016 - 12/07/2016
Observation and Study of Electrical Equipment installed at Hydro Power Plant

EDUCATIONAL BACKGROUND

B.E. ELECTRICAL
THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, PATIALA, PUNJAB, INDIA
2014– 2018
CGPA: 8.77/10
SENIOR SECONDARY SCHOOL (XI-XII)
Sacred Heart Convent School
2012 – 2014
Percentage: 81

PUBLICATIONS/RESEARCH

"Performance Prediction of PV Module Using Electrical Equivalent Model and Artificial Neural Network" in Solar Energy (Vol. 176 Pg. 104), Elsevier (PUBLISHED)
https://authors.elsevier.com/a/1XtyC,tRd6gza

"Investigation of IV curve translation at outdoor conditions using IEC 60891 procedures" in International Journal of Green Energy Taylor & Francis (Under Review)

SKILLS

- PYTHON, Data Analysis/Visualization (Numpy, Pandas, Scikit-Learn, nltk, Tkinter, Flask)
- C#, .net, SQL Server Management Studio, Entity FrameWork, Repository Pattern (Basic Working Knowledge)
- MATLAB/SIMULINK (Image Processing, Neural Network Toolbox)
- Microsoft Excel VBA, Alteryx, Spotfire

PROJECTS

- Contract Extraction and Analysis Tool: Project involving information retrieval and extraction from Business Contracts using Machine Learning/ NER. Automation of OCR process using IAC Support, Acrobat Pro DC Understanding Web Application from development to deployment on server, Technologies: NLP Python (Core API), ADO.net (Web Architecture), SSMS

- Development of Predictive Models using Feed Forward ANNs. Statistical-Linear Regression Models for higher model accuracy on Origin Pro/MATLAB.

- CR Report Automation: Technologies: Python
- WIRELESS MOBILE CHARGING HUB - Wireless Mobile Charger via Inductive Link Designed as per QI standards by Wireless Power Consortium

ACHIEVEMENTS

Merit Scholarship for Top 10 in B.E. EE 2015-2016
1 st Position Inter College Sketching Competition
2nd Position Brain Enigma at THAPAR UNIVERSITY