

DIVYANSHU

IT Enabled Management

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EXPERIENCE

Finance Research Intern

Outlook Publishing (India) Pvt. Ltd.

May 2023 - Jul 2023 Remote

- Conducted Secondary research on payment gateways. Conducted Primary Research on investor preferences and decision-making patterns.
- Research, Data Collection, Data Processing, Data Visualisation, Data Mining

Vice President & Treasurer

SGM Club

Aug 2019 - Ongoing IIIT, Gwalior

- Engage in fundraising planning and execution, oversee personnel in website production, social media, and management, and generate innovative program ideas for club activities.
- Leadership, Time Management, Skill Management, Fund Management

PROJECTS

Portfolio Optimization Using Deep Learning

Nov 2022

- Develop, update, and maintain Python-based Deep Learning Portfolio Optimization programs utilizing LSTM Networks for various stock market assets, conducting rigorous 22-year backtesting to validate accuracy and reliability.
- Keras, Tensorflow, backtrader, yfinance, LSTM

Home Automation using hand gesture recognition

May 2021

- Develop, update, and maintain Python-based Home Automation system utilizing hand gesture recognition for seamless control of household devices. Lead efforts to enhance existing programs, achieving a remarkable 400% increase in operational efficiency through the implementation of the multithreading module.
- OpenCV, Python, Multithreading, Multiprocessing,

EDUCATION

Integrated BTech + MBA in Information Technology

ABV-Indian Institute of Information Technology and Management

Aug 2019 Gwalior

- Object-Oriented Programming, Database Management System, Data Structures and Algorithms, Operating System, Computer Networks

SKILLS

Programming: C/C++, Python

Development: HTML/CSS, Django, Flask, MySQL, MongoDB

Data Science: Numpy, Matplotlib, Pandas, Scikit-learn, Tensorflow, Keras

Stock Trading: BackTrader, BackTesting.py, FyersAPI

Tools: Visual Studio Code, Jupyter Notebook, Linux

Others: Selenium, BeautifulSoup, Github, MS Excel

CERTIFICATION

- Algorithmic Trading with Python: Machine Learning strategies
Udemy
- Software Engineering Virtual Experience Program
Forage
- Algorithmic Toolbox
University of California San Diego
- Python for Everybody Specialization
University of Michigan

VOLUNTEERING

- Designing Volunteer**
Aurora, IIITM Gwalior
Nov 2019 - Feb 2020
Arts and Culture
- Calling & Promotion Volunteer**
ARIC, IIITM Gwalior
Nov 2022 - Dec 2022
Research and Incubation

HONORS & AWARDS

- Preparation For Placement, IEEE Student Branch
Issued by BIT Mesra Deoghar
Jul 2022
- Innovate India Coding Championship
Issued by Chandigarh University
Jul 2022
- Microsoft Student Partners Technical Blog Writing Competition
Issued by GUNA SHEKAR PRODDATURI
Jul 2020