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# Pankaj Chandra

- Currently working on developing a hedging tool for Eurostoxx 50 constituents.
- 4+ years' Experience in Computational Mathematics, Data Visualization, Predictive Modelling, Optimization and Consumer Insight.
- Immense Interest in Financial and Energy Markets.
- Seeking Analyst Role in the domain of Quantitative Research/Trading.

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## Experience

JULY 2021 – APRIL 2022

**Data Scientist Intern**/Philip Morris International, Neuchatel, Switzerland

Deployed Predictive Model to detect Tobacco Sheet Defects which significantly reduced the Tobacco Wastes and hence, the Operational Cost by approx. \$2 million per year.

JANUARY 2021 – JUNE 2021

**Consultant**/PIT Solutions, Rapperswil, Switzerland (Software Consulting)

Built Food & Drink Combo Recommender System for a Restaurant Chain that led to Improved Sales.

2016 – 2019

**Research Assistant**/Curtin University, Perth, Australia (Woodside Petroleum)

Formulated Computational Model that Enhanced the Efficiency of an Absorption Tower by 12%.

2015 – 2016

**Research Engineer**/NTNU, Trondheim, Norway (Equinor oil and Gas)

Developed Mathematical Model to Improve Pipe Design that eliminated the formation of Gas Hydrates and ensured smooth Oil and Gas simultaneous flow in the Subsea Pipelines.

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## Skills

Python, R • Power BI, Tableau, Excel, VBA • SQL • Machine Learning • Explainable AI tools : Lime & Shapley • Causal Inference • Advanced Statistics • AWS • Smart Services • English, Hindi, French

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## Education

**Master's Degree in Data Science**/OST, Switzerland (2022)

**Master's Degree in Process & Environ. Eng.**/INSA Toulouse, France (2015)

**Bachelor's Degree in Chemical Engineering**/Indian Institute of Technology, BHU (2013)

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## Hobbies

Soccer, Cricket, Billiards, Table Tennis, Volleyball, Cycling, Cooking, Traveling & Exploring new Cultures

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# Pankaj Chandra

**(Seeking Position: Quantitative Analyst/Trader/Researcher)**

To

Hiring Manager

Dear Hiring Manager,

I am a Data Science graduate with huge interest in financial markets and algorithmic trading. I am currently working on developing a hedging tool for Eurostoxx 50 constituents. I am looking to test my acquired skills and learn more in the domain of Quantitative research using ML.

## Why I believe I can be a good fit at your company?

- Experienced Data Driven Analyst with 4+ years' experience in computational mathematics, optimization techniques, data visualization, advanced statistics and predictive modelling (machine learning).
- Love for mathematics, numbers and puzzles helped to build a strong analytical approach.
- Worked Internationally (India, France, Norway, Saudi Arabia, Australia and Switzerland) on different research and start-up projects which contributed to become a strong team player, comprehension of diverse work execution perspectives, an effective communicator and a performance-oriented person.
- Good Programming Skills in Python, R and Matlab.
- Trading experience in Sports Betting and Equity Market with knowledge of arbitrage and hedging strategies.

I am excited to apply for this role and it thrills me to even imagine working in high paced environment with skilled colleagues at your company. I am very confident given this opportunity, I will uphold the company's expectations, values and strive for breakthrough strategies to provide an edge. I wish to hear from you soon.

Sincerely,

Pankaj Chandra