

KHUSHDEEP SINGH

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EDUCATION

ESSEC Business School

Masters in Finance-Financial Markets Track

GPA: 15.07/20

ESSEC Diversity & Academic Excellence Scholarship

Singapore

Aug 2021-Jan 2023

Chandigarh College of Engineering and Technology (CCET), Panjab University

Bachelor of Engineering- Mechanical Engineering

CGPA: 7.46/10

Chandigarh, India

Aug 2017 – May 2021

WORK EXPERIENCE

J.C. CONSULTANTS PVT. LTD

Portfolio Manager-Investments and Trading division

Previously – Director Finance and Investments from May 2021- Aug 2021

- Developed customized algorithmic trading models for executing various trading strategies in Indian Index Options to generate an ‘alpha’ of 7-10% for an AUM of US\$ 3 Million.
- Provided support and enhanced discretionary trading models for optimizing costs for portfolio hedging.
- Spearheaded the creation of an ‘All Weather Investment Portfolio’ by conducting exhaustive macroeconomic, fundamental, and regulatory policy research, for AUA of US\$ 7 Million.

Chandigarh, India

Jan 2023-Present

SUMITOMO MITSUI BANKING CORPORATION (SMBC)

Intern-Structured Finance-Equity

Principal Investments Team

- Developed financial analysis statement, due diligence, transaction execution, asset management and portfolio construction documents for seed assets and project pipeline for a Sustainable Infrastructure Focus Fund with a size of US\$ 500 million and targeted IRR of 14-16% (net of fees).
- Involved in transaction analysis, financial modelling, development of investment memorandum for renewable energy projects in India and Southeast Asia. Responsible for conducting fund due diligence and market research for drafting private placement memorandum and other support in the primary fundraising process.

Singapore

Aug 2022-Jan 2023

CHEVRON ORONITE

Virtual Internship on Machine Learning and Exploratory Data Analysis

- Involved in setting up Azure GPU virtual machine for Machine Learning and performed exploratory data analysis.
- Investigated signal strength in Oronite’s Lubricants performance test data, with the objective of predicting performance characteristics of a new Lubricant blend, using lab test data from previous blends.

Texas, USA

May 2020 - June 2020

DESTIMONEY SECURITIES PVT. LTD.

Internship at National Derivatives Desk

- Analyzed strategies and execution of various expiry day trading models in Index options and derived price time averaging method for numerous indices. Evaluated various portfolio metrics incorporating tools of the F&O segment while collaborating directly with the National Sales Head-Derivatives Channel.

New Delhi, India

June 2018 – July 2018

RESEARCH EXPERIENCE

ESSEC Finance Club Singapore

Executive member of finance club at ESSEC Asia-Pacific

Sept 2021-June 2022

- Published a research article entitled 'Redefining Passive Investing-The Coffee Can Way' for ESSEC Finance Asia-Pacific.
- Independently conducted fundamental research on the broad area of 'Active v/s Passive investing' with a focus on US and Indian mutual funds.
- Identified 5-7 quality Indian large-cap companies from a range of diverse sectors, narrowing them through the specific filters like consistent profit growth, increased return on working capital and enhanced return on equity.

PROJECT EXPERIENCE

- Constructed case studies on leading technology companies as part of the Corporate Financial Management course | ESSEC-2022
- Independently developed an in-detail Heat Transfer Analysis of a Thin Plate using finite element method using MATLAB programming and fundamental analysis | CCET – 2020
- Developed a working model of Computer Numerical Control (CNC) powered writing machine as part of study of non-conventional manufacturing | CCET-2020
- Constructed a working model of gyroscope depicting innovative manufacturing Fabrication of Gyroscope as part of study of Theory of Machines | CCET – 2018
- Conducted a qualitative research case study of sonic boom in fighter jets as part of study of wavefront mechanism | CCET-2019
- Constructed a working model of an 'OIL SKIMMER' used for removing and recovering spilled oil with an efficiency of ~80% in saline seawater | CCET-2018

AWARDS AND VOLUNTEER EXPERIENCE

- Secured First position in IPD-Expo 2018 for the project OIL SKIMMER organized by IIEDC Cell of CCET (Degree Wing).
- Won First prize in conventional debate competition held at Annual Techno-Cultural Fest of Panjab University in 2019
- Reached Final Round in World Robotics Championship-Robo Race challenge of TechnoXian-2019, held in New Delhi.
- Member of Youth Wing of Rotary Club, Chandigarh, from September 2017 till May 2021. Responsible for organizing and promoting various fundraising events resulting in net charitable contribution of US\$ 2,000. Member of Eloquence - The Oratory team of Rotaract Himalayan.
- Sanjeevani Health and Education Charitable Society: Voluntary Member-Responsible for organizing various health camps and developing solutions for supply chain management for cancer medicines to charitable hospitals.
- Member-Northern India Stock Exchange Ltd. - Involved in trading equities in the Headquarters of NISE, Chandigarh.

LANGUAGE AND COMPUTER SKILLS

Languages: - English (Fluent), Hindi (Native), Punjabi (Native), French (Basic)

Standardized Tests: - GRE 323/340 (Q-166, V-157) and TOEFL 112/120, CFA Level 1 Candidate

Computer Skills: - Python, R, Stata, MATLAB, Microsoft Office Suite