

Contact

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in/12shivaniaggarwal (LinkedIn)

Top Skills

HTML

CSS

JavaScript

Languages

French (Elementary)

German (Elementary)

Hindi (Native or Bilingual)

Certifications

Introduction to Portfolio Construction
and Analysis with Python

Principles of Valuation: Risk and
Return

Introduction to Financial Accounting

Jane M. Klausman Women in
Business Scholarship

Principles of Valuation: Time Value
of Money

Honors-Awards

NSE Certified Investment Analyst
Champion

NSE Certified Market Professional
Level-2

Publications

Bitcoin and Portfolio Diversification:
Evidence from India

Shivani Aggarwal

Master in Management (MiM) at HEC Paris | Microsoft IDC |
Computer Engineering at DTU (formerly DCE)
France

Experience

Deutsche Bank

Summer Analyst

July 2020 - August 2020 (2 months)

United Kingdom

- Researched about Quantum Computing with emphasis on Financial services industry and its impact on Deutsche Bank's security, cost, and infrastructure requirements
- Focused on AI, Machine learning and Data visualisation across the Technology Division
- Analysed the progression of COVID-19 pandemic as a function of geography and time. Used SIR model to find an estimate for the Reproduction rate, the selected features were then fed into ML Models

bp

Female Discovery Week

April 2020 - June 2020 (3 months)

United Kingdom

Microsoft

Software Development Engineer

June 2018 - July 2019 (1 year 2 months)

Hyderabad Area, India

- Enhanced the scalability of user experience and interactions on Bing Translator and added features like videos and transliteration, giving it an edge over the competitors
- Boosted Translator's efficiency by 10%, reducing the client-side API calls to its backend service, decreasing the cost by 7%
- Developed cross-platform and custom Cricket World Cup 2019 experience that increased the page views and click rates by 25% on Bing worldwide

Godfrey Phillips India Limited

Corporate Finance Intern

February 2018 - April 2018 (3 months)

Delhi Area, India

- Performed a study of Investment Analysis and Decisions for the top 3 companies in India's tobacco industry: GPI, VST and ITC and condensed this information into attractive pitch presentation slides
- Suggested areas of improvements for GPI by analysing the business processes and strategies used by GPI, VST and ITC
- Performed Equity Valuation of GPI and its competitors using the following approaches: DCF, Multiples, Restated New Worth Valuation models

Microsoft

Software Development Intern

June 2017 - July 2017 (2 months)

Hyderabad Area, India

- Developed a client-side tool for web security testing to detect cross site scripting vulnerabilities during the development phase
- Detected both Static DOM and Reflected cross site scripting vulnerabilities, earlier no such tool was available that could detect vulnerabilities instantly before staging phase

Alpha Capital - India

Portfolio Management Intern

January 2017 - April 2017 (4 months)

Gurgaon, India

- Performed optimization, risk profiling and rebalancing of 5 portfolios to shortlist appropriate funds for investment and managed over ~\$20 Mn of assets for the clients
- Developed an R program to find risk-return ratios for client portfolios, achieved ~9% higher precision as compared to Excel
- Assisted clients in growing their profits over 30% (in 1 year) by taking into account their financial goals and risk appetite

Government of National Capital Territory of Delhi

Web Development Intern

June 2016 - July 2016 (2 months)

Delhi Area, India

- Designed and developed a centralized and streamlined Public Grievance Management System
- Designed and developed API's for various functions of Mohalla Clinics, an initiative started by the Delhi government

Education

HEC Paris

Masters in Management Grande Ecole · (2019)

Delhi College of Engineering

Bachelor of Technology (B.Tech.), Computer Engineering · (2014 - 2018)

Manav Sthali School

High School Diploma · (2009 - 2014)