JOSH CHEEMA

🎓 EDUCATION

Jun-23
|
Oct-21

MSc Candidate, Machine Learning & Data Science (TBD)
Imperial College London 📍 London, UK

Jun-14
|
Oct-09

MEng, Engineering Science (2:1)
Oxford University, St Hugh's College 📍 Oxford, UK

Jun-09

A-Level: Further Mathematics (A)
Rochester Independent College 📍 Kent, UK

Jun-08

A-Level: Mathematics, Physics, History, English Literature (AAAA)
Gravesend Grammar School 📍 Kent, UK

💼 EXPERIENCE

Oct-21
|
Jul-14

Executive Director, Derivative Products Group
SMBC Nikko Capital Markets Ltd 📍 London, UK

· Pricing and execution of interest rate swaps, inflation swaps, interest rate options and FX derivatives with a focus on project finance and structured corporate hedging, including negotiation and execution of ISDA Master, CSA and other hedging documents.

Oct-13
|
Jul-13

Intern, Derivative Sales & Trading
SMBC Nikko Capital Markets Ltd 📍 London, UK

· Modelling of IRS, CCS and FX transactions. Review and summary of legal and compliance documentation.
· Undertook projects evaluating ISDA agreements, swap models and credit risk simulations in order to analyse trends, benchmarks and profitability of historical transactions.

Aug-12
|
Jun-12

Intern, Voice Broking
ICAP plc 📍 London, UK

· Rotated across commodities, fixed income, interest rate swaps and interest rate option desks.
· Shadowed brokers and supported desks by carrying out general admin tasks and writing tickets.

📈 SELECTED DATA SCIENCE WRITING

View this CV online at https://joshcheema.io/cv/

CONTACT

✉ joshcheema@gmail.com
🔗 joshcheema.io
⌨ josh-cheema
in josh-cheema
k joshcheema

LANGUAGE SKILLS

Python 🐍	
R ®	
$\LaTeX$	
SQL	
Git	
Bash	

I regularly blog about data science and visualization on my blog joshcheema.io

Apr-22 ● **Clustering: PCA vs t-SNE on the Fashion MNIST dataset**
joshcheema.io

Apr-22 ● **Spatial Data: Adjusting the Boston Housing dataset**
joshcheema.io

Apr-22 ● **Linear Discriminant Analysis vs Quadratic Discriminant Analysis**
joshcheema.io

✓ CERTIFICATIONS & AWARDS

May-22 ● **HackTheHub 2022: AI & Data Hackathon**
HackTheHub

· 3rd Place (Team Event)
· Competition to create business idea using AI/Machine Learning to add
  value to industry. My team designed a predictive tool for crop selection
  given a set of soil conditions.

Apr-22 ● **IMSE DigiFAB Datathon: Molecular Adsorption to Surfaces**
Institute for Molecular Science and Engineering (IMSE)

· 2nd Place (Team Event)
· Competition to create predictive model for energy of adsorbed molecule
  following adsorption process given a range of pre-calculated descriptors

Apr-22 ● **G Google Data Analytics Professional Certificate**
Google

· Passed
· Credential

Jun-19 ● **Level II CFA exam**
CFA Institute

· Passed
· Credential

Dec-17 ● **Level I CFA exam**
CFA Institute

· Passed
· Credential

Level III CFA exam candidate
Studying for AWS Cloud
Practitioner and Solutions
Architect (Associate)
Certifications