








JOSH CHEEMA



EDUCATION






- Current
|
Oct-21
- **MSc Candidate, Machine Learning & Data Science (TBD)**
Imperial College London  London, UK
- Jun-14
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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



- Current
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Sep-22
- **RegTech Engineer (Python Developer)**
Suade Labs  Remote, UK
 - Working on the architecture, design and expansion of SaaS RegTech web platform, specifically on the implementation of new features and refactoring of existing code to automate regulatory reporting on behalf of clients.
 - Discussing requirements with new and potential clients, prototyping and ad-hoc bug fixes.
 - Researching current and potential regulatory requirements and deciding on the optimal implementation within existing codebase.
- Oct-21
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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
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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.

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

CONTACT

-  joshcheema@gmail.com
-  joshcheema.io
-  [josh-cheema](https://github.com/josh-cheema)
-  [josh-cheema](https://www.linkedin.com/company/josh-cheema)
-  [joshcheema](https://twitter.com/joshcheema)

LANGUAGE SKILLS

Python 	<div style="width: 80%;"></div>
R 	<div style="width: 80%;"></div>
\LaTeX	<div style="width: 80%;"></div>
SQL	<div style="width: 60%;"></div>
Git	<div style="width: 60%;"></div>
Bash	<div style="width: 60%;"></div>

Made with the R package [pagedown](https://github.com/josh-cheema/pagedown).

The source code is available on github.com/josh-cheema/cv.

Last updated on 2022-12-11.



SELECTED DATA SCIENCE WRITING

- 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

I blog about data science and visualization on my blog 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 ● **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](#)