

Mr Dimitrios Kommas

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EN1, London

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Analytical and persistent problem-solver who thrives on out-of-the-box thinking and getting the details right. Excited about progressing trajectory shift from the educational field to the world of software engineering. Seeking a position in a company where I can combine my passion for programming and mathematics to develop applications, algorithms and other programs to help the company meet and surpass its goals.

EDUCATION

Mar 2017 - Present	HyperiondDev Software Engineer Bootcamp Core Subjects: Python, Data Structures, SQL, Relational Databases. Achievements <ul style="list-style-type: none">Learn to code in Python and use object oriented programming to develop applicationsUtilizing data science libraries to develop data-driven web applications	UK
Awarded Sep 2015	QUEEN MARY UNIVERSITY OF LONDON MSc in Mathematical Finance Core Subjects: Computational Methods, Financial Derivatives, Stochastic Calculus, Advanced Computing in Finance, Mathematical Modeling in Finance. Project: Modelling Interest rates using the Heath-Jarrow-Morton model. Achievements <ul style="list-style-type: none">Designed and implemented a variety of advanced mathematical models in C++ using quantitative finance such as: Heston, Vasicek, Jump-Diffusion and CIR models.Investigate topics on Stochastic Calculus: Ito's integral, Black-Scholes-Merton formula, risk-neutral pricing, stochastic and partial differential equations.Pricing and hedging vanilla or exotic options, calls, puts, bonds, forwards and futures.Developed object oriented C++ applications for pricing derivatives by applying different numerical techniques, including: Monte-Carlo simulation, Binomial and Trinomial trees.	UK
Awarded Sep 2009	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS BSc in Mathematics Core Subjects: Stochastic Processes, Computational Complexity, Probabilities and Actuarial Science, Statistics, Statistical Quality Control and Reliability, Combinatorics, Theory of Numbers, Complex Analysis, Introduction to Operation Research. Achievements <ul style="list-style-type: none">In depth knowledge of statistics, probabilities and differential equations.Introduction to Java programming and object-oriented application development.Highly analytical, methodical and structural approach to problem solving.	GREECE
Awarded Jun 2004	6th PUBLIC SENIOR HIGH SCHOOL OF PIRAEUS Graduation from Senior High School - Apolytirion A levels Equivalent: Mathematics, Physics, Computing, Greek Literature, Further Mathematics, Economics, English. Achievements <ul style="list-style-type: none">All major subjects completed with exceptionally high marks.	GREECE

SEMINARS – SHORT COURSES

- Technical Analysis – Dow Theory, Resistance Zones, Trend Lines, Candlesticks Charting.
- Financial Trading – Stock Indices, Bloomberg, Commodities Trading, Real Data Analysis.
- Amplify Trading - Trading Psychology, Global Markets and Flow Trading Simulation.
- VBA for Finance – Managing data, Classes and Objects, Inheritance and Polymorphism.

TECHNICAL SKILLS

- Experienced with Anaconda, Excel and Visual Studio.
- Familiarized with the following programming languages: C#, Java and R.
- Microsoft Office Specialist Excel Certification.

EMPLOYMENT

Sep 2021 – Today	Hasmonean High School for Boys Maths Teacher <ul style="list-style-type: none">Cooperating effectively with other teachers targeting to students' maximum learning.Planning and presenting lessons to facilitate students' understanding and application of mathematical concepts. Achievements <ul style="list-style-type: none">97% of the students achieved their predicted grade or above for their GCSE Exam.	London, UK
Sep 2016 – Sep 2021	Harris Academy Tottenham Maths Teacher <ul style="list-style-type: none">Appropriate differentiation to ensure access to the full range of the curriculum.Regular monitoring and evaluation of SEN students' progress. Achievements <ul style="list-style-type: none">Achieve maximum results by breaking down large learning tasks into meaningful and manageable segments.	London, UK
Sep 2015 - Aug 2016	HTV station IT Engineer <ul style="list-style-type: none">Digital development of branding material (video & sound).Operation and maintenance of Broadcast Routers. Achievements <ul style="list-style-type: none">Played a key role in updating servers, computer systems and local network successfully.	London, UK
Sep 2012–Sep 2014	STUDY CENTER Maths Tutor <ul style="list-style-type: none">Evaluated the progress of individual students and modified their learning plans.Taught Calculus, Geometry, Algebra, Physics, Statistics and Probabilities. Achievements <ul style="list-style-type: none">Good rapport was established with students and other teachers.Ensured effective learning and improved the quality of education.	KEFALONIA, GREECE
Nov 2011– Aug 2012	Hellenic Navy (National Service) <ul style="list-style-type: none">Leading 80 seamen, responsible for their daily schedule and welfare.Office assistant at the board of organization, managing and installing office networks. Achievements <ul style="list-style-type: none">Rapidly promoted to higher rank based on quality of work, speed acquiring new skills, communication and team leadership.	Salamina, Greece
Sep 2008 – Oct 2011	KATSOURIS TRAVEL Assistant Manager <ul style="list-style-type: none">Delivering bookable solutions to customers and advertising the offers of the office.Assisting Sales Team to achieve targets and contribute to the successful accomplishment of the team's KPIs. Achievements <ul style="list-style-type: none">Developed multitask abilities, organizational competencies and communication skills.Reduced customer waiting times by 30% and grew customer base by 50%.	KEFALONIA, GREECE
Apr 2007 – Apr 2008	CENTRAL BANK OF GREECE Assistant Auditor <ul style="list-style-type: none">Responsible to supervise data and information to be submitted to the Bank of Greece by credit institutions and certain financial institutions.Reviewed and continuously improved processes to increase efficiency. Achievements <ul style="list-style-type: none">Demonstrated effective approach and deploy abilities to exercise effective judgment, discretion, sensitivity and creativity when needs and situations were changed.Developed strong relationships with managers and staff, creating a cohesive and productive team within a deadline-driven environment.	ATHENS, GREECE