

Nizar Abdel All

M.Sc. in Mathematics-Economics

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Profile

A highly motivated and detail-oriented mathematics-economics graduate with a strong foundation in economic analysis and data processing. I excel at translating complex financial and economic challenges into data-driven insights, leveraging tools such as Python and Excel. With a keen analytical mindset, I am adept at identifying patterns and supporting strategic decision-making through quantitative methods.

Education

University of Southern Denmark (SDU Odense) - M.Sc. in Mathematics-Economics

Jan. 2022 – Feb. 2024

- **Thesis:** *Deep Reinforcement Learning for Asset Management Optimization.* Developed a machine learning model for portfolio optimization using Python.
- **Advanced Mathematics and Statistics:** Stochastic differential equations and statistical modeling, key skills for modeling, risk analysis, and financial market prediction.
- **Financial Courses:** Derivatives and Risk Management and Corporate FinTech, focusing on pricing and risk management in a digital financial world.
- **Advanced Programming:** Developed programming skills in option pricing and partial differential equations, essential for quantitative analysis.

University of Southern Denmark (SDU Odense) - B.Sc. in Mathematics-Economics

Aug. 2018 – Jun. 2021

- **Bachelor Project:** *Composition of the Efficient Stock Portfolio.*
Theoretical dissertation on optimal/utility-maximizing investment strategies for individual investors.
- **Mathematical Courses:** Advanced understanding through measure and integration theory, Banach spaces, probability theory, and numerical analysis.
- **Programming and Data Analysis:** Practical application of Python for data processing, optimization, and quantitative analysis, strengthened through courses in operations research, convex analysis, and integer programming.
- **Economics Courses:** Courses in micro- and macroeconomics, financial risk management, and econometrics, forming the basis for economic analysis and understanding.

Work Experience

School Teacher - <i>Al-Irchad Private School, Helsingør</i>	2020 – 2023
Founder and Chairman - <i>Fremtidens Unge Boldklub, Fredensborg</i>	2019 – Present
Sales Consultant - <i>Telenor, Fields/Helsingør</i>	2015 – 2018
Sales Consultant - <i>Telenor, Helsingør</i>	Sep. 2024 – Present

IT Skills

Python	Advanced
Excel	Advanced
R	Proficient
Power BI	Proficient

Languages

Danish: Fluent in written and spoken communication.
English: Fluent in written and spoken communication.
Arabic: Fluent in written and spoken communication.

Courses

- Data Analysis with Python (Coursera)