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LEO SHARIF

Mathematics & Finance

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EDUCATION

Bond University

B. Actuarial Science, Major in Finance

Gold Coast, QLD

Feb 2022 - Jul 2024

- 75% Major WAM, Investment Group, Actuarial Society, Actuaries Institute Completion: CS, CM, CB
- Coursework: Mathematical Statistics, Stochastic Processes, Econometrics, Finance Mathematics, Portfolio Analysis, Survival Analysis, Risk Management, Financial Models, Game Theory, Survival Analysis

Academy of Interactive Technology

Diploma of Full Stack Development

- 78% WAM, Developed a real estate portfolio management tool, showcasing strong problem-solving skills and industry-standard security practices.

WORK & EXPERIENCE

Nabla

President

Gold Coast, QLD

Feb 2023 - May 2024

- Founded the Quantitative Finance Society to meet demand for quantitative investment analysis; onboarded a dedicated team to drive objectives and promote growth.
- Developed a heat map for option strike prices using Python and C++ to create an interactive, engaging dashboard for members.
- Explored the usage of ESG factors and quantitative analysis for applications in simulated M&A transactions and debt offerings.

Sitesec

Systems Engineer

Gold Coast, QLD

Nov 2022 - Jul 2023

- Managed databases and ensured data integrity, accuracy, and availability for stakeholders.
- Leveraged data analytical techniques to map and plan construction projects, optimizing resource allocation and project timelines.
- Worked with senior devs on convolutional neural networks (CNNs) to identify security risks at a 20% higher rate.

Eante

Software Development Intern

Brisbane, QLD

Jan 2021 - May 2021

- Developed a micro interest-earning system with visual representations to encourage saving habits.
- Gained exposure to development of explosion mapping software for an international mining project.

COMPETITIONS & RESEARCH







- Selected as a finalist for the 2024 Susquehanna Algothon through building and backtesting several models producing alpha on 50 stocks in a simulated environment.

SKILLS

Languages

 Python,  R,  C++,  HTML/CSS/JS,  TypeScript,  AWS,  Ruby

Data

 Pandas,  Scikit,  Plotly,  seaborn,  PyTorch,  Node/React/Next

ADDITIONAL INFO

Interests

Acting, Gastronomy, Guitar, Piano, Tennis, NFL, NBA, Music, Fashion, Gaming

Volunteering

Certificate in Active Volunteering (III), Litter Drive, Tennis Coach, Tutoring