Leo Sharif

Mathematics & Finance

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 Leo Sharif
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EDUCATION

Bond University — Gold Coast, QLD
B. Actuarial Science, Major in Finance — *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 — *Aug 2020 - Jun 2021*
- 78% WAM, Developed a real estate portfolio management tool, showcasing strong problem-solving skills and industry-standard security practices.

WORK & EXPERIENCE

Nabla — Gold Coast, QLD
President — *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 in quantitative analysis.

Sitesec — Gold Coast, QLD
Systems Engineer — *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, optimising resource allocation and project timelines.
- Worked with senior developers on Convolutional Neural Networks to identify security risks at a 20% higher rate.

Eante — Brisbane, QLD
Software Development Intern — *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

SIG SUSQUEHANNA — 6th @ 2024 Susquehanna Algothon - Designed trading algorithms for a universe of 50 stocks with a sharpe of 2.14. ($9,000 Prize Pool)

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