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## EDUCATION

### Bond University

*B. Actuarial Science, Major in Finance*

Gold Coast, QLD

*Feb 2022 - May 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 password manager and a real estate portfolio management tool, showcasing strong problem-solving skills and industry-standard security practices.

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## WORK & EXPERIENCE

### Nabla

*President*

Gold Coast, QLD

- Founded the Quantitative Finance Society in response to a growing demand for quantitative skills in investment analysis; successfully onboarded an initial team of dedicated and talented members to drive the society's objectives and promote a strong foundation for future growth.
- Initiated the development of a heat map for option strike prices, utilising Python and C++ to create an interactive, visually engaging dashboard that simplifies complex financial data for members.
- Tested the hypothesis that trading based on technical indicators lacks merit by employing machine learning to automate the analysis of these indicators, aiming to determine their effectiveness in generating alpha.

### Sitesec

*Systems Engineer*

Gold Coast, QLD

- Managed databases and ensured data integrity, accuracy, and availability for various stakeholders, including project managers, clients, and regulatory bodies.
- Leveraged data analytical techniques to map and plan construction projects, optimising resource allocation and project timelines.
- Streamlined physical workflow by delegating tasks and managing projects effectively, resulting in increased efficiency and productivity.
- Improved technical workflow by implementing firmware upgrades and enhancing system performance and security.

### Eante

*Software Development Intern*

Brisbane, QLD

- Implemented a micro interest-earning system with visual representations to encourage long-term saving habits.
- Shadowed experienced developers working on explosion mapping software for a mining company project, gaining exposure to diverse industries and improving adaptability and problem-solving skills in various contexts.
- Enhanced communication and teamwork abilities through active collaboration with software development team.

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## QUANTITATIVE RESEARCH PROJECTS

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## SKILLS

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## ADDITIONAL INFO