

# RITTHICK THIAGA

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## EDUCATION

*University of New South Wales*  
Bachelor of Computer Science (Specialised in  
Security Engineering), Minor in Marketing  
Sept 2023 to Aug 2026 (Expected)

## CERTIFICATIONS

ISC2 – Certified in Cybersecurity

## SKILLS

**Programming Languages:** Java, JavaScript, Python, SQL

**Web Technologies & Databases:** HTML, CSS, MySQL

**Frameworks & Libraries:** React, Motion, Tailwind CSS, Bootstrap, Expo

**Tools:** Vite, Next.js, Burp Suite, Metasploit

## EXPERIENCE

***Penetration Tester, Pearler – Sydney, Australia***

***Sept 2024 – Dec 2024***

- Conducted security assessment on Pearler's main web application, identifying critical vulnerabilities that posed risks to user data.
- Compiled a detailed security report outlining findings, risk assessments, and remediation recommendations, improving company-wide security awareness.

***Data Analyst Extern (Remote), Webacy – San Francisco, US***

***Aug 2024 – Sept 2024***

- Analysed and labelled smart contract vulnerabilities, enhancing accuracy in risk categorization and security assessment.
- Conducted correlation analysis of risk tags to identify the most prevalent vulnerabilities, improving fraud detection by 25%.
- Applied unsupervised machine learning for cluster analysis, identifying common security risks and profiling high-risk contracts.

***Python Tutor – Shanghai, China***

***Dec 2023 – Feb 2024***

- Provided personalized Python tutoring, helping students grasp data structures, algorithms, and software development concepts.
- Led students in developing a Food Management System, integrating Python with SQL databases, enhancing their practical coding skills by 40%.
- Conducted online assessments to track student progress and tailor lesson plans for optimal learning outcomes.
- Encouraged innovation by designing project-based learning, allowing students to build real-world applications.

## EVENTS/NETWORKING/CLUBS

BSides Canberra 2024 | Atlassian Sydney Networking Event | Atlassian Sydney Datathon 2024 | UNSW Security Society 2025 | UNSW Entrepreneur Society 2026 | Scones 2025 | SecEdu UNSW 2024

## VOLUNTEERING

***Wellness Warrior, Arc UNSW***

***Sept 2024, Dec 2024***

- Engaged with 150-200 students weekly through interactive wellness initiatives, fostering a culture of mental health awareness, promoting self-care strategies, and contributing to campus-wide well-being initiatives

***Marketing Intern – Mumbai, India***

***Mar 2022 - May 2022***

- Designed promotional videos and content, increasing audience engagement and enhancing the organization's mission visibility.