Bryan Le

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EDUCATION

Fort Street High School, Class of 2020

University of New South Wales, *Graduation Date: 2025 Bachelor of Computer Science. Specialisation in CyberSecurity*
- Relevant: COMP6841 Extended Security Engineering and Cyber Security; COMP6843 Web Application Security
- Achievements: Top 15 in CTF challenges; team penetration-testing reports on a vulnerable training environment (quoccabank.com)

NOTABLE PROJECTS

Faculty Rostering Web Application - Team capstone (React + Typescript, Python, MongoDB, Docker)
- Public-facing interface for admins to configure constraints and preferences. Simple UI to assign faculty to days/rooms based on equipment needs, room capacity, class size, and availability/preferences.
- Implemented scheduling logic to generate feasible rosters under multiple constraints. Provided review/edit flows so admins can resolve conflicts and finalise assignments.
- React frontend with clean UX flows for roster creation/review, validation/error states, and state management. Backend APIs for rooms, equipment, classes, availability, and assignments.
- Containerised services with Docker. Deployed via containers for consistent builds and runtime parity across environments. Environment-based configuration and secrets management.

justinPT - Full-stack fitness web app for a personal trainer (React, Node/Express, MongoDB, Netlify + Render)
- Public site for newcomers to browse programs/products and request consultations. Authenticated clients access a personalised dashboard showing sessions and progress.
- Implemented auth middleware and protected routes. Backend routing and models for users, bookings, and training programs. End-to-end booking and consultation flows.
- React frontend with AuthContext, role-based access patterns, and pages for Homepage, Booking, Client Dashboard, Trainer Dashboard, Login/Register, and Contact.
- Deployed frontend on Netlify and backend on Render. MongoDB for persistence with environment-based config. Emphasised secure defaults (input handling/sanitisation, access control boundaries).

AssaultCube Security Research - (Python, CheatEngine)
- Built aimbot/no-recoil/triggerbot etc. tooling to study memory manipulation and anti-cheat considerations. Simple UI and documented findings.

Personal Portfolio Website - (VanillaJS, HTML + CSS, Netlify)
- Designed a modular portfolio with clean sections and project linking. Currently static (HTML/CSS/JS) and deployable on Netlify. Planned React refactor for reusable components and content updates.

Web Application Security Labs and Personal Pentesting Practice - (Python, C++) - UNSW
- Exploited and remediated SQLi, XSS, client/server attacks. Wrote secure-coding fixes and verification tests.
- Ethical testing on small web apps with consent; documented input validation, authentication/session issues and mitigations.

EXPERIENCE

Mariner's Court Hotel - *Customer Service and Housekeeping Supervisor| July 2021 – Present*
- Led front-of-house operations, resolving incidents under pressure while maintaining service level agreements.
- Coordinated cross-team workflows (housekeeping/maintenance), enforcing quality checklists and standard operating procedures.
- Handled sensitive guest information with discretion.
- Promoted services and products based on needs analysis.

McNair YellowSquares - *Telemarketer | Market Research, Customer Communication and Survey Collection | November 2021 - November 2022*
- Collected survey data with high accuracy, consistently meeting key performance indicators while following scripts and compliance rules.
- Maintained clean records and handled objections professionally to protect data quality and privacy.

Economics Society UNSW - *Publications Subcommittee member | February 2023 – December 2023*
- Produced and edited publications to deadline with consistent voice/branding. Collaborated across multiple partnered organisations.
- Supported event communications and assets. Contributed key sections in the 2023 publication.

St. Johns Ambulance - *Senior Cadet (formerly Cadet) | March 2012 - June 2017*
- Trained in emergency response (CPR/DRSABCD), risk assessment, and protocol-driven action in high-pressure settings.
- Supported events as standby officer; documented incidents and coordinated with teams for safe outcomes.

SKILLS/INTERESTS

Technical Skills
- Python, C, C++, Java, JavaScript, HTML, CSS, SQL/MySQL, Assembly
- Web application security, secure coding, vulnerability identification, basic cryptography, CTF methodology
- GitHub, MS Office (Excel, Word, PowerPoint)

SOFT SKILLS
- Analytical problem solving
- Clear documentation
- Teamwork
- Proactive communication
- Adaptable
- Strong communication

First Aid:
- DRSABCD
- Defibrillation
- Bandaging
- Cleansing and Preventative Measures

Interests: Muay Thai, Weightlifting, Guitar, CTFs, Security practice, Reading