

Alton Wong

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SUMMARY

Motivated Computer Science & Cybersecurity graduate from UWA (WAM 80.7), two-time Top of Cohort in cybersecurity units, with a genuine eagerness to learn and grow. Delivered a full compliance tracking mobile and web application within 12-weeks, picking up new technologies on the job while co-leading project coordination. Hands-on experience in Python, database design, web development, and version control. Keen to contribute to a data-driven team and develop further in analytics and software engineering

EXPERIENCE

Jul 2025 - Present: Lab Facilitator (Senior Facilitator, CITS3007) | The University of Western Australia

- Appointed Senior Facilitator for Secure Coding (CITS3007), taking on additional coordination responsibilities including marking oversight and student query management on behalf of the unit coordinator
- Facilitated labs, tutorials and workshops across 7+ undergraduate units including Secure Coding (CITS3007) and Agile Web Development (CITS3403)
- Explained complex concepts clearly to students and marked assignments and exams

Aug 2024 - Present: Private Tutor | Trinity Residential College

- Provided one-on-one and small-group tutoring to multiple university students across computer science and cybersecurity subjects
- Supported students from UWA, Curtin, and other universities residing at Trinity Residential College
- Assisted with programming assignments, debugging, and exam preparation

Dec 2024 - April 2025: Website Development Intern (Autonomous Shuttle Bus) | The University of Western Australia School of Electrical, Electronic & Computer Engineering

- Developed, modernised, and maintained public-facing project websites roblab.org and therevproject.com for an autonomous shuttle bus research initiative
- Processed, sorted, and managed vehicle training datasets collected from autonomous runs to support model development and analysis
- Assisted with the operation and testing of autonomous vehicles

July 2024 - October 2024: Event Support Intern | City of Swan

- Coordinated logistics and support execution of community and civic events including citizenship ceremonies & public engagement activities
- Development & migration of City of Swan's online engagement platform (swanengage.swan.wa.gov.au)
- Supported event planning and on-site execution to ensure smooth delivery and positive participant experiences

PROJECTS

STARS Compliance Tracking Mobile App – Client Project (UWA Nursing Department)

- Delivered a compliance tracking mobile and web application to the UWA Nursing department within a 12-week timeline, learning React Native, Expo, and Supabase while meeting all client requirements
- Designed and implemented the core backend using Supabase, including database schema design, relationships, authentication, and data integrity logic critical to compliance tracking
- Led project coordination as one of the project managers, chairing team meetings, managing administration and submissions, and coordinating communication with the client, mentor, and project auditor
- Developed essential frontend functionality using React Native and Expo, including user sign-up and initial compliance form logic integrated with the backend

EDUCATION

2023 - 2025: Bachelor of Science (Computer Science & Cybersecurity) | The University of Western Australia

- Maintained Weighted Average Mark (WAM) of 80.7
- Granted Global Excellence Award Scholarship (AUD \$12,000 per annum)

2021 - 2022: EDECXCEL A-Level | Xceleration Education Malaysia

- Achieved grade A for all subjects - Biology, Chemistry & Mathematics
- ATAR Equivalent - 98

EXTRACURRICULAR ACTIVITIES AND LEADERSHIPS

Feb 2025 - March 2026: Ordinary Committee Member | Coders for Causes UWA

- Supported student-led software development projects
- Assisted in organizing and executing technical workshops, project presentation and community outreach events
- Helped promote club initiatives through marketing efforts and peer engagement

Winter 2025: Project Lead | CFC Winter 2025 Beginner Project

- Mentored beginners in web development fundamentals and Git/GitHub workflows
- Provided hands-on guidance in coding practices, debugging and collaborative development

June 2024 - June 2025: UniMentor | The University of Western Australia

- Mentored newly enrolled students, ensuring a smooth transition into the UWA, guided & provided advice to manage academics and campus activities, resulting in an increase in participation in campus & club activities.

AWARDS AND ACHIEVEMENT

- 2025** : Top of Cohort - Penetration Testing (UWA)
- 2024** : Top of Cohort - Defensive Cybersecurity (UWA)
- 2024** : Academic Tutoring Contribution Award (Trinity Residential College)
- 2023, 2024** : Academic Excellence Award (Trinity Residential College)
- 2023** : Global Excellence Scholarship (UWA)

SKILLS

- **Languages:** Python, Java, C, JavaScript, HTML/CSS
- **Frameworks & Libraries:** React Native, Flask, Expo, Supabase, SQLite
- **Tools & Platforms:** Git, GitHub, Figma, Linux