

TIA DARVELL

Technical Consultant | Software, UX & Applied Cybersecurity | Educator & Systems Thinker

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PROFESSIONAL SUMMARY

Cybersecurity student and versatile technologist with hands-on experience in Python, C/C++, and JavaScript, enterprise stakeholder partnerships (IBM, Microsoft), and a background in making complex technical concepts accessible to diverse audiences. I bring a creative systems thinker's perspective to security problems — equally comfortable in the weeds of code as I am communicating risk to non-technical stakeholders.

EDUCATION

Bachelor of Cybersecurity — Torrens University Australia (*currently enrolled, GPA 6.40*)

Diploma of Business — Torrens University / APM Business College (*GPA 5.5, 2021*)

Diploma of Digital Media — Billy Blue Design College / Torrens University (*GPA 5.2, 2017*)

Diploma of Graphic Design — CATC Design School / Torrens University (*2016*)

CORE SKILLS

Offensive Security · Penetration testing · Ethical hacking · Vulnerability assessment · Attack vector analysis

Defensive Security · Network security & infrastructure protection · Next-generation firewalls & access management · Secure software development · Incident management · Data protection · IT governance & compliance · Software security governance

Infrastructure & Cloud · Network protocols, topologies & administration · Computer architecture & OS fundamentals · Cloud computing (IaaS/PaaS/SaaS) · Virtualisation · Microservices architecture & SOA

Development & Engineering · Python · C / C++ / C# · JavaScript · HTML5 · CSS3 · OOP · Algorithms & data structures · UML · Responsive design · Debugging & software testing

Data & Emerging Tech · Data science fundamentals · Data ethics · Machine learning principles (*currently studying*)

Practical · TryHackMe labs (*ongoing self-directed practice*)

TOOLS & SOFTWARE

Adobe Photoshop · Adobe Illustrator · Adobe InDesign · Figma · Canva · Microsoft 365 · Google Workspace · MYOB · Powtoon

PROFESSIONAL EXPERIENCE

CONTENT & CURRICULUM COORDINATOR — Edtech Group (2025 – Current)

- Authored P–6 Education Guides aligned to Australian Curriculum v9.0, covering Python, JavaScript, HTML5/CSS3, and front-end web development
- Designed learning progressions mapped to the AC v9.0 Digital Technologies strand, incorporating secure coding concepts and computational logic
- Partnered with IBM, Microsoft, and Indigenous communities to co-develop culturally inclusive STEM programs
- Managed 48–50 concurrent projects end-to-end independently
- Led a small team coordinating slide deck production and program testing

SENIOR INSTRUCTOR MENTOR — Junior Engineers (2023–2025)

- Delivered Python, JavaScript, C++, HTML/CSS, and STEM curriculum to classes of 4–32 students
- Led and mentored instructor teams of 1–4 across afterschool, school holiday, and corporate programs
- Managed 9 afterschool classes per week plus 3–6 weekly 1:1 sessions

GRAPHIC & WEB DESIGNER / PROJECT MANAGER — The Health Hub (2020–2022)

- Designed and managed a full WordPress website migration, including security patching, updates, and access management
- Produced branded documents and assets using Adobe Creative Cloud

JUNIOR GRAPHIC DESIGNER & ASSISTANT WEB DEVELOPER — Flamestop Australia (2018–2020)

- Maintained and updated WordPress website including ongoing security and content updates
- Produced signage from design through to physical production

GRAPHIC DESIGNER & PROMOTIONS COORDINATOR — BSeen Promotions (2018)

- Interpreted client briefs and liaised with outsourced suppliers
- Managed administrative operations including invoicing and job bookings

BARISTA — Zaraffas Coffee (2021–2023)

- Fast-paced customer service, multitasking, and team collaboration

INTERPERSONAL SKILLS

Leadership · Team Management · Problem Solving · Adaptability · Communication · Teaching & Instruction · Creativity · Marketing

REFERENCES

Available upon request.