

Denton Phosavanh

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Work Experience	Description	Date(s)
BAE Systems Australia Graduate Software Engineer	DFMS (Defence Formal Messaging System) - Develop client/server software used to deliver formal messages - Tools: C# / ASP.NET, Java, JavaScript, CSS	2019-02 - 2019-08
	Product Security - Research tools and frameworks to promote secure software development	2019-08 - 2020-02
	JORN (Jindalee Operational Radar Network) Operations Centre - Develop applications serving as a human/machine interface to JORN - Tools: C++ , Qt, DDS	2020-02 - 2021-02
Software Engineer	DFMS - Develop and test changes for the PSPF upgrade	2021-02 - 2021-08
	CDS (Cross Domain Solutions) - Develop a security-hardened RHEL-based operating system - Integration of Linux security software such as: - SELinux, AIDE, fapolicy, PAM - Support the development of the Interactive Link software suite - Enhance existing automated testing systems - Tools: python, bash, Red Hat Enterprise Linux, RPM, kickstart, Groovy	2021-08 - Current
University of Adelaide Casual Tutor	Supervise practical/workshops sessions of comp-sci courses	2017-07 - 2017-11
Education	BEng. (Software) (Hon.) (Class I) The University of Adelaide, Australia	2015 - 2018 GPA: 5.844 / 7
Honours Project Select Courses	Automated classification of threat intelligence using machine learning Operating Systems / Computer Vision / Parallel and Distributed Computing	
Personal Development	Programming skills practice - ACM ICPC Practice Rounds (ANZAC) - adventofcode, /r/dailyprogrammer - Collections of competitive-style programming challenges - Project Euler, Project Rosalind - Mathematical and bioinformatics problems solved with computation - Tools: C++ , Java, Python	2016 - 2018 2016 - Current 2016 - Current
	Cybersecurity practice - Hack This Site, Over the Wire, BAE Systems CTF 2021	
	Home lab - Hosting various services on my own hardware - Linux server administration - Authentication, web proxying, network management - Docker, ansible	2020 - Current
Technical skills Language/Framework	Item - sorted by experience C++ , Python, Java, Shell script, RPM, Ansible	
Software Dev	Unix-like, Windows, Git, SVN, Markdown, L ^A T _E X Atlassian Suite (Jira, Confluence, Bamboo, Fisheye)	