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 - 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	Automated classification of threat intelligence using machine learning	
Select Courses	Operating Systems / Computer Vision / Parallel and Distributed Computing	

Personal Development	**Programming skills practice**	
	- ACM ICPC Practice Rounds (ANZAC)	2016 - 2018
	- adventofcode, /r/dailyprogrammer	2016 - Current
	- Collections of competitive-style programming challenges	
	- Project Euler, Project Rosalind	2016 - Current
	- Mathematical and bioinformatics problems solved with computation	
	- Tools: C++ , Java, Python	
	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	Item - sorted by experience
Language/Framework	C++ , Python, Java, Shell script, RPM, Ansible
Software Dev	Unix-like, Windows, Git, SVN, Markdown, LaTeX Atlassian Suite (Jira, Confluence, Bamboo, Fisheye)