

Denton Phosavanh

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Work Experience

BAE Systems Australia
Graduate Software Engineer

Description

DFMS (Defence Formal Messaging System)
- Develop client/server software used to deliver formal messages
- Tools: C# / ASP.NET, Java, JavaScript, CSS

Date(s)

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

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

2019 - Current

Technical skills

Language/Framework

Item - sorted by experience

C++ , Python, Java, Shell script, RPM, Ansible

Software Dev

Unix-like, Windows, Git, SVN, Markdown, \LaTeX
Atlassian Suite (Jira, Confluence, Bamboo, Fisheye)