# Denton Phosavanh

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| Work Experience | Description | Date(s) |
|---|---|---|
| **BAE Systems Australia**<br>Graduate Software Engineer | **DFMS** (Defence Formal Messaging System)<br>- Develop client/server software used to deliver formal messages<br>- Tools: C# / ASP.NET, Java, javascript, css | 2019-02 - 2019-08 |
| | **Product Security**<br>- Research tools and frameworks to assist with secure software development | 2019-08 - 2020-02 |
| | **JORN** (Jindalee Operational Radar Network) Operations Centre<br>- Develop applications serving as a human/machine interface to the JORN radar system<br>- Tools: C++ , Qt, DDS | 2020-02 - 2021-02 |
| Software Engineer | **DFMS**<br>- Develop and test changes for the PSPF upgrade | 2021-02 - 2021-08 |
| | **CDS (Cross Domain Solutions)**<br>- Enhance existing automated testing systems<br>- Develop security-hardened OS based on RHEL<br>- Tools: python, bash, Red Hat Enterprise Linux, rpm, Groovy | 2021-08 - Current |
| **University of Adelaide**<br>Casual Tutor | Supervise practical/workshops sessions of comp-sci courses | 2017-07 - 2017-11 |
| **Education** | **BEng. (Software) (Hon.) (Class I)**<br>The University of Adelaide, Australia | **2015 - 2018**<br>GPA: 5.844 / 7 |
| **Personal Development** | **Programming skills practice**<br>- ACM ICPC Practice Rounds (ANZAC)<br>- adventofcode, /r/dailyprogrammer<br>  - Collections of competitive-style programming challenges<br>- Project Euler, Project Rosalind<br>  - Mathematical and bioinformatics problems solved with computation<br>- Tools: C++ , Java, Python | 2016 - 2018<br>2016 - Current<br><br>2016 - Current |
| | **Cybersecurity practice**<br>- Hack This Site, Over the Wire, BAE Systems CTF 2021 | |
| | **Home lab**<br>- Hosting various services on my own hardware<br>- Basic Linux server administration<br>- Docker, ansible | 2020 - Current |
| **Technical skills**<br>**Language/Framework** | **Item - sorted by experience**<br>C++ , Python, Java, Shell script, C#/ASP.NET | |
| **Software Dev** | Windows, Unix-like, Git, SVN, Markdown, LaTeX | |