

# Denton Phosavanh

+61 429 263 306 • dphosavanhau@gmail.com • github.com/Namdrib • generated March 9, 2018

<b>Work Experience</b>	<b>Description</b>	<b>Date(s)</b>
Casual teaching at the University of Adelaide	Supervise practical/workshops sessions of comp-sci courses	[Jul 2017 - Nov 2017]
<b>Education</b>	<b>BEng. (Software) (Hon.)</b>	<b>[Mar 2015 - Nov 2018] (exp)</b>
	The University of Adelaide, Australia Expected Graduation: Nov 2018	GPA: 5.833 / 7
<b>Selected Courses</b>	<b>Subject name</b>	<b>Result</b>
	Algorithm and Data Structure Analysis	D
	Artificial Intelligence	D
	Computer Architecture	D
	Computer Networks and Applications	HD
	Engineering Software as Services I	D
	Introduction to Software Engineering	HD
	Operating Systems	D
	Parallel and Distributed Computing	HD
	Problem Solving and Software Development	D
	Project Management	HD
<b>Personal Projects</b>	<b>GeniusScape</b> (Python)	[Nov 2016 - Feb 2017]
	- Quick and painless lyrics retrieval from Genius.com	
	- Uses the BeautifulSoup4 library to web scrape from Genius	
	- Uses shell script for mediocre automated testing	
	<b>crypto-arbitrage</b> ( C++ , Python)	[Dec 2017 - Ongoing]
	- A program to detect arbitrage for various cryptocurrency sites	
	- A future goal is to write a trading bot to act on the detections	
	<b>RoleBot</b> (Java)	[Feb 2018 - Ongoing]
	- A Discord bot to allow users to manage their "roles" more easily	
	- Uses the JDA wrapper for the Discord API	
<b>Extracurricular</b>	<b>Programming skills practice (Language(s))</b>	
	- Project Euler ( C++ , Java, Python)	[2016 - Present]
	- A collection of mathematical problems made easier with computation	
	- CodinGame ( C++ , Java, Python)	[2016 - Present]
	- Online judge with preset and community problems	
	- ACM ICPC Practice Rounds (ANZAC) ( C++ )	[2016 - Present]
	- HackerRank, adventofcode, /r/dailyprogrammer ( C++ , Java)	[2017 - Present]
	- Collections of competitive-style programming challenges	
<b>Technical skills</b>	<b>Item - sorted by experience</b>	
<b>Language/Framework</b>	C++ , Java, Python, Shell script, Ruby/Rails, PHP	
<b>Software Dev</b>	SVN, Unix/Linux, Git, Markdown, Cucumber, RSpec, JUnit	

References				
Name	Relationship	Phone	Email	
Fred Brown	Lecturer	(08) 8313 4481	fred.brown@cs.adelaide.edu.au	
Wanru (Kelly) Gao	Work (lab demonstrator) supervisor	(08) 8313 7611	wanru.gao@adelaide.edu.au	
Cheryl Pope	Work (lab demonstrator) supervisor	(08) 8313 5833	cheryl@cs.adelaide.edu.au	