

# Denton Phosavanh

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Work Experience	Description	Date(s)
Casual teaching at the University of Adelaide	Supervise practical/workshops sessions of comp-sci courses	[Jul 2017 - Nov 2017]
Education	BEng. (Software) (Hon.)	[Mar 2015 - Nov 2018] (exp)
	The University of Adelaide, Australia Expected Graduation: Nov 2018	GPA: 5.840 / 7
Personal Projects	<b>GeniusScrape</b> (Python) - Quick and painless lyrics retrieval from Genius.com - Uses the BeautifulSoup4 library to web scrape from Genius - Uses shell script for mediocre automated testing	[Nov 2016 - Feb 2017]
	<b>crypto-arbitrage</b> ( C++ , Python) - A program to detect arbitrage for various cryptocurrency sites - A future goal is to write a trading bot to act on the detections	[Dec 2017 - Ongoing]
	<b>Tic-Tac-Toe solver</b> (Java) - 3 computer types: random, minimax, alpha-beta - Human can play against human or computer in CLI - Incoming: GUI for players to click which move to make	[Jan 2018 - Ongoing]
	<b>NamBot</b> (Java) - A somewhat general-purpose Discord (online chat client) bot - Uses the JDA wrapper for the Discord API - Arbitrarily extensible with the use of modules - Deployed on Heroku	[Feb 2018 - Ongoing]
	<b>Minesweeper</b> (Java) - Java clone of Windows XP Minesweeper - Uses Java Swing to create the GUI	[July 2018 - Ongoing]
Extracurricular	<b>Programming skills practice (Language(s))</b> - Project Euler ( C++ , Java, Python) - A collection of mathematical problems made easier with computation - CodinGame ( C++ , Java, Python) - Online judge with preset and community problems - ACM ICPC Practice Rounds (ANZAC) ( C++ ) - HackerRank, adventofcode, /r/dailyprogrammer ( C++ , Java) - Collections of competitive-style programming challenges	[2016 - Present] [2016 - Present] [2016 - Present] [2017 - Present]
Technical skills	<b>Item - sorted by experience</b>	
Language/Framework	C++ , Java, Python, Shell script, Ruby/Rails, PHP	
Software Dev	Windows, Unix/Linux, SVN, Git, Markdown, LaTeX, Cucumber, RSpec, JUnit	

Name	Relationship	References	Phone	Email
Fred Brown	Lecturer		(08) 8313 4481	alfred.brown@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