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.) (Class I)	[Mar 2015 - Dec 2018]
	The University of Adelaide, Australia	GPA: 5.844 / 7

Personal Projects		
	GeniusScrape (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	
	crypto-arbitrage (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	
	Tic-Tac-Toe solver (Java)	[Jan 2018 - Ongoing]
	- 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	
	NamBot (Java)	[Feb 2018 - Ongoing]
	- 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	
	Minesweeper (Java)	[July 2018 - Ongoing]
	- Java clone of Windows XP Minesweeper	
	- Uses Java Swing to create the GUI	

Extracurricular	Programming skills practice (Language(s))	
	- 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 - 2018]
	- HackerRank, adventofcode, /r/dailyprogrammer (C++ , Java)	[2017 - Present]
	- Collections of competitive-style programming challenges	

Technical skills	Item - sorted by experience	
Language/Framework	C++ , Java, Python, Shell script, C#, Ruby/Rails, PHP	
Software Dev	Windows, Unix/Linux, Git, SVN, Markdown, LaTeX, JUnit, Cucumber, RSpec	

References

Name	Relationship	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