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	GPA: 5.833 / 7
	Expected Graduation: Nov 2018	

Personal Projects

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

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

NamBot (Java) [Feb 2018 - Ongoing]
- A Discord bot to allow users to manage their "roles" more easily
- Uses the JDA wrapper for the Discord API
- Deployed on Heroku

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 - Present]
- 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, Ruby/Rails, PHP
Software Dev	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