

Jake Lane

Software Engineering Student
Lyndoch, South Australia

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Education

- **University of Adelaide** Adelaide, South Australia
Bachelor of Engineering (Honours)(Software) 2015 - Present
 - Expected Completion: November 2018
 - GPA: 6.0 / 7.0

Skills

Language	Years	Technology	Years
Java	3	Android	2
Python	2	Git	2
C++	1	SVN	1
C#	1	Node.js	0.5
HTML/CSS/JS	4		

Personal Projects

- **Toffeed** Android (Java)
 - Wrapper app for Facebook's mobile site that provides enhancements and a (somewhat) native app feel
 - Utilises injected JavaScript to manipulate the DOM and JavaScript Interfaces to obtain data directly from the site
- **WolframAlpha Reddit Bot** Python
 - Reddit bot written in Python using PRAW that replies with data from the WolframAlpha API when summoned or a direct link is posted
- **RapidTools** Java
 - A server plugin that I developed for use on the Rapid Minecraft server
 - Served many functions, which reduced the amount of plugins required (thus improving server performance)
 - Interfaced with a website that I also built for the server
- **Bell Warning System** PHP and Python
 - A bell system that rings based on a timetable
 - Utilised a Raspberry Pi and 3 motorbike horns
 - User interface was programmed in PHP and a Python service handled the relay signals

Miscellaneous

- **Volunteering**

- University of Adelaide
 - * Working with secondary students to teach programming fundamentals
 - * Computer Science Club of Adelaide University events
- Lyndoch Tennis Club
 - * Current Webmaster

Relevant Courses

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| • Object Oriented Programming | Distinction |
| • Statistical Practice I | High Distinction |
| • Electrical & Electronic Engineering IB | High Distinction |
| • Algorithm Design & Data Structures | Distinction |
| • Web & Database Computing | Distinction |