

# Jake Lane

Software Engineering Student  
Lyndoch, South Australia

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http://jakelane.me

## 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

- |  |                  |
|--|------------------|
| • Object Oriented Programming            | Semester 1, 2015 |
| • Electrical & Electronic Engineering IA | Semester 1, 2015 |
| • Statistical Practice I                 | Semester 1, 2015 |
| • Electrical & Electronic Engineering IB | Semester 2, 2015 |
| • Algorithm Design & Data Structures     | Semester 2, 2015 |
| • Web & Database Computing               | Semester 2, 2015 |