

**Jake Lane**  
Software Engineering Student  
Lyndoch, South Australia

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<http://jakelane.me>  
<https://github.com/JakeLane>

## Experience

- **Alcidion Corp.** Wayville, South Australia  
*Software Development Intern* *November 2016 - February 2017*
  - Implemented a React Redux webapp to display data from Team Foundation Server in an interactive format
- **University of Adelaide** Adelaide, South Australia  
*Computer Science Learning Centre Tutor* *March 2016 - Present*
  - Casual one-on-one tutoring targeted at first-year students

## Education

- **University of Adelaide** Adelaide, South Australia  
*Bachelor of Engineering (Honours)(Software)* *2015 - Present*
  - Expected Completion: November 2018
  - GPA: 5.9 / 7

## Skills

Language	Proficiency	Technology	Proficiency
C++	Advanced	Android	Intermediate
HTML/CSS/JS	Advanced	Git	Intermediate
Java	Intermediate	SVN	Intermediate
Python	Intermediate	ReactJS	Intermediate
		NodeJS	Basic

## Personal Projects

- **Toffeed** Android (Java)  
<https://github.com/JakeLane/Toffeed>
  - 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
  - Over 30,000 downloads on Google Play
- **Wolfram|Alpha Reddit Bot** Python  
<https://github.com/JakeLane/WolframAlpha-Reddit-Bot>

- A Reddit bot written in Python using PRAW that replies with data from the Wolfram|Alpha API when summoned or a direct link is posted

### • **RapidTools**

Java

- <https://github.com/JakeLane/RapidTools>

- A server plugin that I developed for use on the RapidCraft Minecraft server
- Served many functions, which reduced the amount of plugins required (thus improving server performance)
- Interacted with an API to display output on the website

## Miscellaneous

### • **Volunteering**

- University of Adelaide
  - \* 2017 Committee member for Computer Science Club of Adelaide University

### • **Hobbies**

- Hobby electronics (i.e. Raspberry Pi)
- Swimming
  - \* Former State Level Competitive Swimmer
- Tennis

## Relevant Courses

- |                                          |                  |
|------------------------------------------|------------------|
| • Algorithm and Data Structure Analysis  | Distinction      |
| • Problem Solving & Software Development | High Distinction |
| • Artificial Intelligence                | Distinction      |
| • Advanced Programming Paradigms         | Distinction      |
| • Web & Database Computing               | Distinction      |
| • Electrical & Electronic Engineering IB | High Distinction |
| • Statistical Practice I                 | High Distinction |