Lachlan Dee

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Education

The University of Melbourne

Melbourne, Australia

MASTER OF ENGINEERING (SOFTWARE)

Feb. 2016 - Dec. 2017

• Current WAM of 81.33

BACHELOR OF SCIENCE (COMPUTING AND SOFTWARE SYSTEMS)

Feb. 2013 - Dec. 2015

• Graduated with Second Class Honours A, in major WAM: 79.80

Experience _

The University of Melbourne

Melbourne, Australia

COMPUTER SCIENCE TUTOR AND DEMONSTRATOR

Jul. 2016 - Present

- Conduct weekly classes in undergraduate subject, Foundations of Computing, teaching basic python programming.
- Ensure retention of core computer science topics such as fundamental data structures and programming abstraction.
- Other duties include marking, monitoring progress with teaching team and conducting online help sessions for struggling students.

ModanoMelbourne, Australia

STUDENT SOFTWARE ENGINEER

Dec. 2015 - Mar. 2016

- Automated user diagnostics in .NET application, improving customer feedback abilities.
- Wrote monitoring tool for AWS infrastructure (Clojure), and displayed information on Wallboard for team to view (Javascript).
- Improved Jenkins environment to allow for simpler product deployment.

Select Projects _

Asset Management System

Ruby On Rails

Jun. 2016 - Nov. 2016

- Developed responsive Rails application for Ronald McDonald House Charities Parkville Chapter, designed to track over 1000 items across 50 rooms.
- · Key features include unique item recognition by QR code, issue raising / management, and user access control.
- · Lead the team as product owner, managing all communications with the client; and as development lead.

Public Transport Victoria Command Line Interface

Python Jan. 2017 - Present

- Developed simple tool to allow fast and intuitive access to Victorian Public Transport information from the command line.
- Allow users to write custom commands to tailor information provided to their needs.

Snapchat Clone

REACT NATIVE Jun. 2016 - Nov. 2016

- · Implemented basic Snapchat application, with features including sending pictures, adding friends, creating stories.
- Extended to include exploration of public snaps by location.
- Developed in React Native for iOS, used FireBase as backend to store application data.

Languages and Technologies (IN ORDER OF PROFICIENCY)

Languages Java, Python, Ruby, C, C++, Clojure, .NET, C#, Javascript, Swift, Haskell, Prolog

Platforms/Libraries Ruby on Rails, React, jQuery

Databases/Tools Git, MySQL, Jenkins

Extracurricular Activities _

Computing and Information Systems Student Association (CISSA)

Melbourne, Australia

VICE PRESIDENT Oct. 2015 - Present

- Plan and execute major events, manage industry sponsors and represent student body in relations with faculty.
- · Currently serving second term.

Spark Engineering CampMentor, Committee Secretary

Melbourne, Australia May 2015 - Oct. 2016

• Aided in planning and execution of week long camp, both in 2015 and 2016.

• Ran engineering and personal development activities for group of 50 students.

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