Lachlan Dee

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Education

The University of Melbourne   *Melbourne, Australia*
MASTER OF ENGINEERING (SOFTWARE)   *Feb. 2016 - Dec. 2017*
- Current WAM of 81.83

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 - Dec. 2016*
- Conducted weekly classes for groups of 20 students in introductory computer science course, Foundations of Computing.
- Taught python programming and core computer science topics, such as fundamental data structures and programming abstraction.
- Other duties included marking assessments and conducting online help sessions for struggling students.

Modano   *Melbourne, Australia*
STUDENT SOFTWARE ENGINEER   *Dec. 2015 - Mar. 2016*
- Automated user diagnostics in .NET application, improving customer feedback abilities.
- Contributed to command line tool (Clojure) to monitor AWS infrastructure; developed javascript application that used tool to display information for team.
- Improved Jenkins environment to allow for simpler product deployment.

Select Projects

Asset Management System
RUBY ON RAILS
- Developed responsive Rails application for Ronald McDonald House Charities, Parkville Chapter.
- Key features include item tracking, QR identification, issue management and user access control.
- Acted as project manager for the duration of project and development lead during key sprint.

Public Transport Victoria Command Line Interface
PYTHON
- 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 returned information to their needs.

Snapchat Clone
REACT NATIVE
- Implemented Snapchat-like application, with features including sending pictures, adding friends, creating stories.
- Developed in React Native for iOS, used FireBase as backend to store application data.

Skills (IN ORDER OF PROFICIENCY)

Languages   Java, Python, Ruby, C, C++, Clojure, VB.Net, C#, Javascript, Swift, Haskell, Prolog, Ada
Technologies Git, Rails, Unix/Linux, React, Node.js, jQuery, AWS

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 - During this period, club has seen 88% increase in active members and grown sponsorship value by an annual average of over $9,000.

Spark Engineering Camp   *Melbourne, Australia*
MENTOR, COMMITTEE SECRETARY   *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.