Lachlan Dee

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EDUCATION

MELBOURNE UNIVERSITY
MEng in Software
Expected Dec 2017
Current WAM: 81.33
2016-17 CISSA Vice President

BSci in Computing
Dec 2015
Major WAM: 79.80
2015-16 CISSA Vice President

COURSEWORK

GRADUATE
Distributed Systems
System Modeling
Software Testing and Reliability
Cryptography and Security
Mobile Systems Programming

UNDERGRADUATE
Artificial Intelligence
Computer Systems
Declarative Programming
Software Modelling and Design
Models of Computation
Algorithms and Data Structures
Database Systems

SKILLS

PROGRAMMING
Competent:
Java • Python
Previous Experience:
C • C++ • Ruby • Haskell
.NET • Clojure • C#
Familiar:
Swift • Prolog • Javascript

LINKS

Github: **lchlnd**
LinkedIn: **lachlandee**
Web: **lachlandee.com**

EXPERIENCE

MELBOURNE UNIVERSITY | Workshop Demonstrator and Tutor
Jul 2016 - Present | Melbourne, VIC
- Conduct weekly classes in undergraduate subject, Foundations of Computing.
- Teach students how to read, write and debug small programs in Python.
- Ensure retention of core computer science topics such as fundamental data structures and programming abstraction.

MODANO | Student Software Engineer
Dec 2015 – Mar 2016 | Melbourne, VIC
- Automated user diagnostics in .NET application.
- Wrote monitoring tool for AWS infrastructure and displayed key information on wallboard for team to view; Clojure, javascript.

PROJECTS

ASSET MANAGEMENT SYSTEM | Rails Application
Aug - Oct 2016
- Collaborated with Ronald McDonald House to build asset management system for Parkville chapter.
- Implemented responsive ruby on rails application for web and mobile.
- Key features include unique bar code identifiers with scanning, issue raising and management, customisable user roles and access rights.

TANKS | Cross platform action game
Aug - Oct 2015
- Implemented cross platform, real time, action game as part of undergraduate capstone subject, IT Project.
- Developed in Unity, communicated with MySQL back-end to store player preferences, skills and match data.
- Project provided first introduction to working in Agile environment with significant autonomy.

Currently exploring new areas of development with early stage personal projects, such as iOS and watchOS (workout tracking application) and chrome extensions (sports statistics overlay).

EXTRACURRICULAR

COMPUTING AND INFORMATION SYSTEMS STUDENT ASSOCIATION (CISSA) | Vice President
Oct 2015 – Present | Melbourne, VIC
- Planned and executed major events, such as hackathons and case competitions.
- Created and managed industry connections for sponsorship, events and recruitment.
- Represented student body in relations with faculty.

SPARK ENGINEERING CAMP | Secretary and Mentor
Jun 2015 – Oct 2016 | Melbourne, VIC
- Aided in planning and execution of week long camp, both in 2015 and 2016.
- Ran activities for group of 50 students, engaging with individuals from a diverse range of background and aided their transition into a University ready mindset.