

Riordan Dervin Alfredo

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Address: 403 / 33 Rose Lane, Melbourne, VIC 3000, Australia

Education

FEB 2017 - Current

Bachelor of Software Engineering (Honours)

Monash University, Australia

Programming Courseworks: Advanced Web Design, Software Engineering Architecture, Algorithm & Data Structure, Operating System.

OCT 2015 - NOV 2016

Diploma of Engineering (Engineering)

Monash College, Australia

Employment

DEC 2018 - Current

Software Engineer & Co-Founder

Tentatech Indonesia LLC., (remote work)

Project: Enterprise Resource Planning system that optimise online shops' sellers sales.

- Lead and manage developer team while applying software engineering practices.
- Design system architecture & conduct tests to ensure the quality of system.
- Focus on front-end development of the system.
- Leveraged Skills: Leadership, communication, visual design, software architecture design, and web application programming skills.

NOV 2018 - JAN 2019

Researcher

Faculty of IT Monash University, Australia

Summer research scholarship holder of 'Vulnerability Analysis of Hybrid Android Apps'.

- Worked closely with supervisors to discuss the topic.
- Wrote a short article about the topic and published in Medium.
- Leveraged Skills: Research skill, oral & writing communication, build application to find gaps between Java & JavaScript in hybrid mobile applications.

Software Projects

Personal Website: www.rioalfredo.com (for additional information and projects)

OPCircle Enterprise Resource Planning System (2018 - current): -

- Implemented software engineering practices such as Agile methodology, unit-to-system testing, plan documentations, software architecture diagrams, and etc.
- Refactor current system to meet standard requirements in planned documents.
- Proven skills in leading team, communicate remotely, and development of full-stack system.

Monash University FIT Honours Research Manager Web Application (2018): -

- Led the full year project, consists of 22 people that is provided by university as one of the compulsory subject.
- Implemented OpenUp Waterfall methodology, RESTful API, Docker, Node.JS, and Git tools.
- Leveraged leadership, communication, and software technologies implementation skills.

Employees Rostering Application (2018): -

- Implemented SCRUM Agile methodology to manage development process.
- Developed Java Spring application that is complemented with Bootstrap as the front-end framework.

Switch Puzzle Game (2017): <https://switch-pttp.firebaseio.com/>

- Developed prototype of simple web application puzzle game, which is written in HTML5, CSS3, and JavaScript.
- Created & designed puzzle algorithm which was written in Python language.

Kimply Colour Game (2015 - 2016): <https://play.google.com/store/apps/details?id=com.kimplycolor.game>

- Developed android application that was converted from web application using Adobe Phonegap.
- Managed to publish application in Google Play Store in the early of 2016.
- Proven skills in developing web application using HTML5, CSS3, and JavaScript.

Skills

Software : (proficient): HTML5, CSS3, JavaScript, Python, Git; (familiar): Java, Bootstrap, React, C, C++, PHP, WordPress.

Methodologies & Technologies : SCRUM Agile, OpenUp Waterfall, MVC pattern, RESTful API, SOAP, Docker, CI.

Operating Systems: Windows, Linux, Ubuntu, MacOS.

Referees will be available on request.