

RYAN LEWIEN

Information Systems Masters Student

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PROFILE

I am a highly driven software development student with strong leadership skills, insatiable curiosity and a love for creating high quality digital systems.

EDUCATION

Master of Information Systems

The University of Melbourne

2020 - July 2021 (Expected)

- Specialising studies to the intersection between people, business and IT, specifically human-computer interaction.

Bachelor of Science (Computing & Software Systems)

The University of Melbourne

2016 - 2019

- High Distinctions in subjects including *IT Project, Usability Engineering, Object-Oriented Software Development, Engineering Systems Design and Database Systems*.
- WAM:** 75.6%
- Key Learning:** Extensive practical knowledge of Java and Python, as well as algorithmic theory and wider fields of engineering and mathematics.

Exchange Semester

Technical University of Berlin

2019

- High Distinctions in *Industrial Internet of Things* and *Hot Topics of Machine Learning*, completed subjects in both English and German.
- Key Learning:** Advanced computing topics, cultural awareness and strong communication skills

RELEVANT EXPERIENCE

Volunteer Web Developer

Elwood St Kilda Neighbourhood Learning Centre

Aug. 2019 - Present

- Completely redesigned & developed the centre's WordPress website with a custom theme using **PHP, JS, HTML** and **CSS**.
- Updated and built onto the centre's website, assisting with other technical and support requirements..
- Key Learning:** Web Development, UX/ UI design and interpersonal skills

SKILLS

Java 4 Years

JavaScript 3 Years

HTML & (S)CSS

Figma & Adobe XD

Python, C, MongoDB, SQL 2 Years

PHP, React, Node, Haskell 1 Year

COMPLETED BOOTCAMPS

User Experience Design

General Assembly 2019

- Designed an app that generates a beautiful picture-filled menu from a restaurant's text menu.

Colt Steele's Web Developer

Udemy 2018

- A large-scale practical course of web-based technologies.
- Created an extensive to-do list web app with a MERN stack.

AWARDS & ACHIEVEMENTS

Leaders in Communities Award
The University of Melbourne 2019

Global Languages Scholarship
The University of Melbourne 2019

Diversity Scholarship
UNIHACK Hackathon 2019

DUX of German & Visual Communication Design
Box Hill High School 2015

Award for Academic Excellence
University of Melbourne Extension Program 2015

NOTABLE PROJECTS

Collaborative Distributed Whiteboard

University of Melbourne

Mar. 2020 - Present

- Creating a whiteboard web app that allows for simultaneous collaboration with multiple users. Still under construction as part of *Distributed Systems* subject.
- Utilising **React, CSS, Java, MySQL** and **NodeJS**.

Social Cue Cards

Personal

Jan. 2020 - Present

- Designed and developed a cue cards web app to collaboratively learn with my classmates, directly challenging each other to learn more and study harder.
- Utilising **React, SCSS, Express, MongoDB** and **NodeJS**.

Erbe: IT Project Capstone

University of Melbourne

Nov. 2019

- Created a web app for a client family to store and pass down heritage items, leading a team of three other students. Ranked top three in the cohort, receiving a score of **93%**.
- Utilised **Pug, CSS, Javascript, MongoDB, NodeJS** and **Express**.

Veritas Chrome Extension

UNIHACK

Apr. 2019

- Designed and built a fake news-detecting Chrome extension with three other students.
- Utilised **Javascript, Google AutoML API** and **MongoDB**.

OTHER EMPLOYMENT

Key Holder & Team Member Trainer

Officeworks

Oct. 2015 - Present

- As acting manager on weekends, handled the opening and running of the store and its team members, training new workers how to use all equipment in the Print & Copy department.
- Designed and created all additional signage for the store.
- **Key Learning:** Leadership, training & development and strong time management skills

PROFESSIONAL MEMBERSHIPS

Australian Computing Society

Interaction Design Foundation

'Out' in Science, Technology, Engineering and Mathematics Inc. (oSTEM)

EXTRA-CURRICULAR ACTIVITY

Lead Designer

Computing & Information Systems Students Association (CISSA)

Feb. 2020 - Present

- Created digital artwork for use by clients such as Microsoft, Deloitte and Jane Street. Currently leading a team to rebrand the society with a coherent visual style.
- **Key Learning:** Visual design, branding and large team dynamics

President

Melbourne University Choral Society

Aug. 2018 - Present

- Worked with and lead a committee to organise all performances, social and fundraising events. Raised over \$21,000 for the choir by organising 46 paid Christmas carolling gigs across Melbourne. Organised a \$250,000 tour of Europe while maintaining financial stability for the choir.
- **Key Learning:** Leadership, organisation, business operations & fundraising techniques

REFEREES

Simone Jamieson

Manager of Elwood St Kilda Neighbourhood Learning Centre

Anthony Miller

IT Project Capstone Supervisor

Andrew Wailes

Creative Director of MUCS & the Royal Melbourne Philharmonic

Leigh Haycraft

Manager of Bourke St Officeworks