

RYAN LEWIEN

Software Developer & UX Enthusiast

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PROFILE

I am a highly driven software development student with experience creating digital content both in and outside of University, specialising in human-computer interaction. I have developed a love for helping people as well as strong leadership skills through extracurricular executive positions, my current management role and volunteering projects.

EDUCATION

Master of Information Systems

The University of Melbourne

2020 - 2021 (Expected)

- Specialising studies to the intersection between people, business and IT, specifically in 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*.
- Notable Projects:** Received a 93% for my capstone project creating a web app for a client family to store and pass down heritage items, as well as designing an item-mapping application for retail workers.
- Key Learning:** Extensive practical knowledge of Java, Python, SQL, CSS and Express 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 in both English and German. Represented the University writing about my experiences as a Social Media Ambassador.
- Key Learning:** Advanced computing topics, cultural awareness and strong communication skills

German B1.1 - C1.1

Goethe Institut Melbourne

2017 - 2019

- Externally studying fluency level German language as a personal challenge and out of linguistic interest.
- Key Learning:** Written and spoken German to a professional working fluency

TECHNICAL SKILLS

SOFTWARE DEVELOPMENT



DESIGN



AWARDS & ACHIEVEMENTS

Leadership in Communities Award
The University of Melbourne 2019

- Completed through volunteering in the University and the wider community, with additional personal development workshops.

Global Languages Scholarship

The University of Melbourne 2019

- Merit based scholarship, based on academic success in German.

Diversity Scholarship

UNIHACK Hackathon 2019

- Merit based scholarship for diverse and queer students, identifying potential for success in the hackathon.

DUX of German & Visual Communication Design

Box Hill High School 2015

Award for Academic Excellence
University of Melbourne Extension Program 2015

RELEVANT EXPERIENCE

Volunteer Web Developer

Elwood St Kilda Neighbourhood Learning Centre

Aug. 2019 - Present

- Fully redesigned and developed the centre's WordPress website from scratch, including a custom theme using PHP, JS, HTML, CSS, etc. Worked closely with the team over several months to determine requirements and maximise effectiveness for the centre long-term.
- **Key Learning:** Web Development, UX/ UI design and intrapersonal skills

Web Developer Bootcamp

Udemy

Mar. 2019 - Jan. 2020

- Completed a large-scale comprehensive course of web-based technologies, building practical programming knowledge. Created an extensive to-do list web app.
- **Key Learning:** HTML, CSS, Node, MongoDB, React and more.

User Experience Design Bootcamp

General Assembly

Aug. 2019

- Designed an Android app that generates a beautiful picture-filled menu from a live-scanned restaurant menu. I am also currently developing this as a pet project using the Google Vision API.
- **Key Learning:** User-centred design knowledge, longer term Android app development skills

Hackathon Team Member

UNIHACK

Aug. 2019

- Designed and built a fake news-detecting Chrome extension with three other students, gaining experience in neural networks and workshopping financially viable ideas.
- **Key Learning:** Delivering projects, API integration and generating business ideas

OTHER EMPLOYMENT

Key Holder and 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

EXTRA-CURRICULAR ACTIVITY

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

Fundraising & Media Officer

Melbourne University Save the Children Club

Aug. 2019

- Coordinated fundraising and social events for the club and wider charity, as well as designing marketing materials. Worked as a Youth Connect Program Mentor for high school students from an asylum-seeker background, aiming to inspire them to pursue tertiary education.
- **Key Learning:** Pragmatics, organisation and community values