

Liam Percy

Software Engineer

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Work Experience

Software Engineer – Working Mouse

Jan 2020 – Present | Brisbane

- Worked on building highly performant web and mobile applications that scale, utilised technologies such as TypeScript (React, React Native) and C# (ASP.NET)
- Lead developer on a fully integrated web/mobile application that allows clinical psychologists to monitor and help improve their patients' health/wellbeing.
- Lead technical consultant on a music streaming and curation platform used for delivering a library of hundreds of thousands of songs to various clients across the globe.
- Upgraded the company marketing website using static site generation tools, improving lighthouse performance by 45%.
- Built and deployed applications to AWS/Azure and managed load through a Kubernetes engine.
- Communicated directly with clients to scope future development work and run user acceptance testing.
- Mentored new starters on existing projects and technologies.

Software Engineering Intern – Parmalat

Jan 2020 – Dec 2020 | Brisbane

- Developed an API to provide external applications with secure access to Parmalat's enterprise data warehouse.
- Communicated directly with key stakeholders to design and develop a new web portal for accessing reports/newsletters.
- Integrated the API and web application

Electrical Engineering Intern – UGL

Nov – April 2020 | Brisbane

- Worked on electrical and control systems design for Brisbane's Cross-River Rail Project.
- Communicated effectively with senior engineers to produce electrical designs and design documents.

Education

Queensland University of Technology

Jan 2016 – Present | Expected Graduation Nov 2021

Dual Major:

- Bachelor of Information Technology, Computer Science
- Bachelor of Engineering (Honours), Computer Software Systems

Awards:

- Grade Point Average: 6.6
- Dean's List: 2017-2020 (6)

About Me

I love making cool stuff and even more than that, I love working with a team of people who feel the same way. I'm super dedicated, passionate about technology and always hungry to learn. I have a keen interest in software development, cloud computing and machine learning.

Hobbies

Music Production | Graphic Design | Photography | Film
Running | Soccer | Video Games

Projects

Study Saviour

Social Note Sharing | Link

- Built React/Firebase application for sharing course notes
- Developed a voting system to push high quality notes to the top of a given course
- Deployed to AWS with an elastic load balancer to handle demand

News Reader

News Article Text-to-Speech Synthesizer | Link

- Used Google Cloud Platform text-to-speech synthesis to convert news articles into audio content
- Developed the audio player interface using React and NodeJS

YourHealth+

Health Monitoring and Wellness Tool | Link

- Built a cross platform application using React/React Native and C# (ASP.net, EF Core) to assist with improving user's wellbeing.
- Released to the iOS and Google Play Store

Skills

Technical

Proficient

JavaScript | TypeScript | Python | C/C++ | C# | Java | React
React Native | Redux | HTML | CSS | NodeJS | Gatsby | NextJS

Working Knowledge

Firestore | PostgreSQL | AWS | Docker | Kubernetes | TensorFlow

Interpersonal

Leadership | Mentoring | Communication | Teamwork

Awards

Best Overall Project

UQCS 2020 Hackathon – Oct 2020

- Winner of the University of Queensland Computer Society 2020 Hackathon for best overall project, voted for by industry judges.

People's Choice Award

UQCS 2020 Hackathon – Oct 2020

- Winner of the University of Queensland Computer Society 2020 Hackathon for best overall project, voted for by contestants.

Deans Scholar

QUT – 2017-2020

- Achieved a Grade Point Average (GPA) of 6.5 or greater during the semester as part of my degree

Certificate II in Active Volunteering

VOLUNTEERING QUEENSLAND – 2017-2020 (6)

- Volunteered as a Soccer coach for Brisbane State High School
- Responsible for training sessions, warmups and in game tactics
- Won the GPS Queensland Premiership