

Christo Quentin Stephenson

mail@christo.dev | linkedin.com/in/christo-stephenson | github.com/christocs

EXPERIENCE

Software Engineer

Jun. 2021 – Present

Siemens Mobility

Perth, Australia

- Maintaining and delivering new features for Broken Rail Detection measurement systems
 - * Writing system software in C++, built with Boost, Protobuf, CMake and Jenkins
 - * ISO9001 quality management, utilising MISRA C++ 2008 coding standard
 - * Targeting QNX Real Time Operating System (Unix-like with ISO9001 and SIL3 certification)
- V-Model software development methodology

Associate Software Engineer

Feb. 2021 – Jun. 2021

Vix Technology

Perth, Australia

- Maintaining and extending automated fare collection systems
 - * Backend C and modern C++ Linux applications
 - * Frontend Angular + TypeScript
- Scrum framework, Kanban boards, three week sprints

Software Engineer

Dec. 2018 – Feb. 2021

BlueSky Digital Labs

Perth, Australia

- Full-stack web development utilising: React, TypeScript, JavaScript, jQuery, SQL and Php
- Modern C++ and C#/Unity3D mobile and backend applications
- Maintaining and deploying Linux web servers
- Engaging with clients for requirements, estimation and support
- Mentoring junior co-workers and interns

TECHNICAL SKILLS

Highly Proficient: C++, Rust, Git, Subversion

Proficient: C, C#, CMake, Python, React, TypeScript, Php, SQL, LaTeX

EDUCATION

Murdoch University

3.35/4.0 GPA

Bachelor of Science in Computer Science, Games Technology

Feb. 2018 – Nov. 2020

PROJECTS

AFK Game Engine | C++20, OpenGL 4.1, CMake

github.com/christocs/ICT398

- Game engine created using modern C++ and modern OpenGL as a university group project
- Integrated and abstracted ReactPhysics3D library for collision detection
- Physics collision resolution from scratch

Basketball Shots | TypeScript, React

github.com/christocs/basketball-shots

- Count basketball shots and contests for 1-2 basketball teams, through a web app

EXTRA CURRICULAR ACTIVITIES

Murdoch IT Society | Club Treasurer

Jan. 2020 – Dec. 2020

REFERENCES

Available upon request