Christo Quentin Stephenson

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

EXPERIENCE

Software Engineer — May 2022 – Present
Fortescue Metals Group — *Perth, Australia*

- Developing autonomous robotics software for mine sites
  - Modern C++ 17, RTI DDS, microservices and redundant architecture
  - Debian Linux Operating systems
- Write unit tests and perform integration tests on real trucks
- Agile two-week sprints using Scrum framework, Kanban boards, Gitflow workflow and peer review

Software Engineer — June 2021 - May 2022
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 – June 2021
Vix Technology — *Perth, Australia*

- Maintaining and extending automated fare collection systems
  - Backend C and modern C++ Linux applications
  - Frontend Angular + TypeScript
- Agile three week sprints using Scrum framework, Kanban boards, Gitflow workflow and peer review

Software Engineer — Dec. 2018 – Feb. 2021
BlueSky Digital Labs — *Perth,, Australia*

- Full-stack web development utilising React, TypeScript, Javascript, HTML, 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, MISRA, 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*

EXTRA CURRICULAR ACTIVITIES

Murdoch IT Society | *Club Treasurer* — Jan. 2020 – Dec. 2020

REFERENCES

Available upon request