

The Company:

Tribe Tech is a world-class team of mechanical, electrical and mechatronic engineers serious about safety. Through the development of autonomous drill rigs, we're reducing workplace risk and operational costs, while increasing efficiency and productivity.

About the role:

Tribe Tech is seeking a Perth Based Senior Control Systems Engineer to join our team working to revolutionise RC drilling. The role on offer is a full-time, permanent opportunity, based in our Perth Airport Precinct office and Workshop location. Interviews for this role will commence early May.

What's on offer:

- Permanent opportunity on offer
- Flexible work arrangements

Must haves:

- Degree in Mechatronics / Electrical / Electronics / Information Technology Engineering.
- 4 to 5 years of extensive PLC Programming (Structured Text preferred) experience including a high level of Codesys V3.5 understanding.
- Working knowledge of PLCs, Sensors, and actuators.
- Communication Protocol knowledge and experience in CANOpen, J1939 CAN, TCP/IP, Ethernet, and UDP.
- Remote Control Experience
- Application of Industrial Internet/Industry 4.0 knowledge to leverage the power of smart machines and real-time analytics.
- Must be ready and available to travel on-site (nationwide or internationally)
- Australian Citizen/Permanent Residency or valid work permit in Australia.

The following is the additional software knowledge – not essential, but highly regarded.

- Python Programming
- C/C++ Programming
- Beckhoff TwinCAT Programming

The following are additional highly-regarded criteria:

- Mobile equipment experience (Drill Rigs and/or equivalent mining machinery) with a good understanding of process control
- Knowledge of Electrical and Hydraulics Schematics reading and understanding
- Solidworks Electrical software knowledge
- Machine Safety with SIL 2 knowledge is highly regarded.
- Visualisation development for HMIs.
- Basic Hydraulics Knowledge

Tribe Tech is passionate about providing equal employment opportunities. We actively encourage applications from any background.