

HARRY HOME

electronics/software Engineer

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9 Broome Street, 2017, Waterloo, NSW

SUMMARY

Highly motivated Electronics Engineer seeking to leverage my strong technical background and recent IT training to secure a challenging position in the IT sector. Eager to contribute my analytical and problem-solving skills to a dynamic IT team while continuously expanding my knowledge in software development.

EDUCATION

- 2023 - NOW** • Postgraduate Diploma in Information Technology
UNSW
- 2005 - 2011** • Electronics Engineering
Escuela Colombiana de Ingeniería Julio Garavito
- 2017 - 2018** • Advance Diploma Business and Management,
Strathfield College, Sydney

TECHNICAL SKILLS

Python	C++	HTML	CSS	JavaScript	Java	react	node	MongoDB	SQL	MATLAB
Simulink	Eagle	Circuit Design and Analysis			PCB Design/Altium		Scada/Ladder Logic			

EXPERIENCE

- 10/2022 - 12/2023** • Fire System Contractor Coordinator
Sydney - Australia
Innovative Fire PTY LTD
 - Developed and implemented the Fire System Distribution for Victoria Cross Station
 - Programming and troubleshooting the AMPAC panel.
 - Followed diagrams and specifications to connect different devices along the Station
 - Conducted system commissioning, verifying functionality and troubleshooting issues.
- 01/2021 - 09/2022** • Fire System Distribution Foreman
Sydney - Australia
Solid State Electric PTY LTD
 - In the capacity of foreman, orchestrated and meticulously supervised the comprehensive installation of cutting-edge fire systems at the Allianz Stadium, integrating advanced technologies to enhance overall security and operational efficiency.
 - Led and supervised a team of approximately 15 technicians to successfully accomplish the project.
- 11/2018 - 12/2020** • Fire System Coordinator
Sydney - Australia
Counter Fire PTY LTDA
 - Designed, planned and implemented the Dry Fire System for the Plant rooms
 - Ensured the project meets the industry codes and legislative requirements AS 1670.1:2018.
 - Created reports, blueprints and lists of the elements and their specifications to finalize projects under budget and on time.

EXPERIENCE

03/2017 - 07/2018

Sydney - Australia

Engineer Assitant

Micron Group

- Executed the implementation of Control Systems for Plant Rooms at The Crown Casino. Meticulously followed blueprints and schematics to guarantee the precise functionality of the DCP, its components, and measurement instruments.
- Innovatively designed mechanical protection for Remote I/O cabinets wiring and electronic components, including thermometers, pressure sensors, actuators, thermocouples, and EMs. Ensured optimal functionality and longevity of the entire system.

03/2012 - 09/2015

Bogota- Colombia

Project Manager

MPS Engineering

- Designed and executed resilient and scalable internet connectivity solutions for diverse locations throughout Colombia, utilizing the resources of SENA—an educational institution comparable to TAFE.
- Directed the complete lifecycle of power automation projects, including the supervision of Siemens PLC deployment.
- Coordinated project tasks, allocated resources effectively, and ensured projects were completed within established timelines, meeting stringent quality standards.
- Provided effective leadership to a dynamic team of professionals, fostering a collaborative work environment.

LANGUAGES

English
Native



Spanish
Native



Portuguese
Advanced



French
Intermediate



Italian
Intermediate



ACHIEVEMENTS



INTERNET CONNECTIVITY FOR REMOTE AREAS

Engineered and implemented robust and scalable internet connectivity solutions for various locations across Colombia



ALLIANZ STADIUM

- Led a multidisciplinary team in the successful execution of the Fire system Distribution, resulting in the timely installation and commissioning of a state-of-the-art fire system.

REFERENCES

Mathew Phillips - Innovative Fire Director

0404 920 083

Ryan Price- Solid State Electrical Director

0437 021433