Sarah Wong- Embedded Systems Specialist

Contact Information

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Professional Summary Experienced Electronics Engineer with 6 years specializing in embedded systems design and IoT solutions. Proven track record in developing consumer electronics and industrial automation systems for Australian and international markets.

Key Skills

- Embedded C/C++ programming
- ARM Cortex microcontrollers
- PCB design (Altium Designer)
- Wireless protocols (WiFi, Bluetooth, LoRa)
- Real-time operating systems
- Hardware debugging and testing

Experience Senior Electronics Engineer | TechFlow Solutions Sydney (2021-Present)

- Led development of IoT sensor modules for smart building applications
- Designed low-power wireless communication systems
- Managed team of 3 junior engineers

Electronics Engineer | Innovation Electronics (2018-2021)

- Developed embedded firmware for automotive applications
- Created PCB layouts for high-frequency circuits
- Collaborated with software teams on system integration

Education

- Bachelor of Electronics Engineering, University of Technology Sydney (2018)
- Certified in ARM Embedded Systems Development