

Software Engineer - Signal Processing

HKM Solutions

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Signal Processing Software Engineer - available to Australian citizens due to the nature of work.

Work with an Australian, innovative company with a start-up culture that relies on recruiting world class engineers to retain its performance.

Combine technical and commercial excellence to lead the field in a range of wireless communications disciplines.

A newly created role due to business expansion exists for a Signal Processing Engineer for radio systems engineering team based in Sydney.

A Degree in Engineering or Computer Science is required (preferably telecommunications or electronics) and mid level experience in a wireless signal processing software development role is required.

High quality coding skills in ANSI C, very good written and verbal communication skills and the ability to become a respected member of our development team are essential.

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18 Aug 2020

Sydney

CBD, Inner West & Eastern Suburbs

\$100000 - \$130000 per annum

Full Time

**Information & Communication
Technology**

Engineering - Software

Career insights for Software Engineers

Most common salary in NSW



Essential:

- Development of wireless signal processing algorithms
- Development of wireless error correction algorithms
- Simulation and assessment of wireless signal processing and FEC algorithms and systems using MATLAB
- Development of wireless Layer 1 software in C
- Optimising signal processing algorithms for target platforms
- An understanding of wireless hardware / RF architecture and technology
- Protocol stack software development

Highly desirable:

- Development of algorithms and implementation for FPGA
- Knowledge of voice and data standards (e.g. DMR, TETRA, P25, GSM, UMTS, LTE, Satcom, Marine, Defence)
- Embedded software development and real time systems

Bonus points for:

- Scripting languages such as Perl, TCL and Python
- Knowledge of the full software development life cycle

\$40K

\$130K \$190K

Based on SEEK job ads



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Talented, team orientated people are acknowledged and incentivized based on performance and creativity.

Hard work in a small environment where your contribution counts is rewarded with flexible working conditions and job satisfaction.

If you strive to be the best in wireless software, hit **APPLY** now.

Note again, this role is open to Australian citizens who are willing to undergo Police and background checks due to the nature of the client and work.

Email: careers@hkmsolutions.org

Be careful

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