



ARKADOS JOB DESCRIPTION

Job Title: DSP Engineer

Position:

DSP Engineer will be responsible for various facets of DSP development including design, specification, architecture, implementation, and quality assurance of DSP solutions with "hard" real time constraints.

Duties and Responsibilities:

- Specify, architect, design, develop, and test DSP algorithms and implementations targeted for both general purpose DSP and ASIC implementations.
- Interface with the support and product marketing organizations to identify, define and solve problems with software products.
- Assist the company in any necessary duties to achieve company goals.
- Perform other duties as may be assigned by the management from time to time.

Desired Skills:

- Knowledge of assembly, C and C++ languages, MatLab, ARM Processors, TI and ADI DSPs is required.
- "Hard" real time software development experience is required.
- ASIC design experience is highly desirable.
- Familiarity with PC based software development tools is required.
- A deep understanding of OFDM based systems (HomePlug, IEEE 802.11, IEEE 802.16) is required.
- Must possess strong written, oral and presentation skills.
- Must possess good analytical, organizational, and time management skills.
- Must be a team player with task interdependency awareness.
- Ability to travel is required.
- Assist the company in any necessary duties to achieve company goals.
- Perform other duties as may be assigned by the management from time to time.

Education:

- Minimum of B.S. in Electrical Engineering, Computer Engineering, Computer Technology or equivalent.

Experience:

- Minimum of five years experience with DSP algorithm and software design and development

Arkados, Inc.

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