



Staff Systems Engineer

Job description

Staff Systems Engineer

- a. Design, analysis, development & maintenance of WLAN L-MAC FW in custom assembly and C.
 - b. Design/Enhance system power optimization techniques.
 - c. Pre-Si design verification of MAC layer using scripting languages like TCL/python and validate in simulation environment.
 - d. Working with various Cross functional teams like PHY systems, Firmware development, Hardware design teams to define, document the interfaces to L-MAC layer and enable verification
 - e. Hands on silicon bring-up and meet MAC KPI's
 - f. Debugging and solving cross layer customer issues – working across boundaries of WLAN MAC, PHY, CHIP – while staying focused on the underlying problem.
- You role would also require you to
- a. Identifying issues and proposing design and methodology improvements while driving compliance of existing design flow
 - b. Mentoring and training other team members as necessary
 - c. Creating collateral for internal and external use as necessary

Profile

Sound basics in wireless communication systems and embedded system design / programming.

Hands on experience of programming in Assembly language, C

Good debugging skills in C, using gdb, analysing crashes using stack trace are essential

Fair understanding of WiFi debugging tools using Wireshark etc

Familiarity with IEEE 802.11 standards is desirable

Knowledge of Tcl/Python/System C would be plus

Ability to work with large, global, cross functional team

Good communication and presentation skills.

At a glance

Location: **Bangalore (India)**

Job ID: **321621**

Start date: **immediately**

Entry level: **3-5 years**

Type: **Full time**

Contract: **Permanent**

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