Wireless Modem Systems Engineering

Atmosic Technologies is looking for wireless modem systems engineers who are passionate about delivering differentiated high performance radio transceivers for low power and battery-free wireless connectivity solutions. Job title and responsibilities commensurate with experience.

Location: San Jose, CA (In-person, Full-time)

Salary Range: $150K to $175K (Commensurate with experience)

About Atmosic

Atmosic has designed and shipped the lowest-power bluetooth SoC in the world. Our innovative engineering solutions provide low-power connectivity and compute capabilities that enable extended battery life and battery-free operations. Join us in continuing to push the boundaries of power efficiency while developing new products to serve a growing range of applications in the physical AI era.

Responsibilities:

- Design and verify modems for low-power wireless transceivers, including Bluetooth, 802.15.4, Ultra-Wideband, and others
- Tune algorithms and parameters in transceivers to optimize real-world performance
- Enable customer product launches through work with the customer support team
- Resolve challenging wireless transceiver issues that span multiple disciplines

Requirements:

- Experience with wireless modem design and performance tuning for wireless communication systems
- Expertise in communication theory and signal processing
- Strong analytical and debugging skills

- Familiarity with lab equipment including spectrum analyzers, sniffers, and other RF test equipment
- Strong analytical and problem solving skills
- Ability to multitask while contributing to multiple projects
- Excellent communication and teamwork
- MS or Ph.D in Electrical Engineering or equivalent with 3+ years of relevant industry experience

Nice to Have:

- Experience with Bluetooth, 802.15.4, UWB, or similar
- Familiarity with audio signal processing
- Proficient at software programming using Matlab, C/C++ and Python

To apply, please send your resume to career@atmosic.com.

See job postings at https://atmosic.com/about/#careers.