Physical Layer Software Development Engineer – Bangalore  
(Job Code: PHYSW01)

Position Overview
Beceem is currently seeking an experienced and talented Physical Layer Software Development Engineer as a member of a dynamic and strategic team at the forefront of wireless technology. Our customers range far and wide throughout the globe and require the expertise of someone who can help with cutting edge physical layer product software for 4G wireless (Mobile WiMAX/LTE) communication systems.

Responsibilities
- Understand software product requirements and translate them to production worthy software code through design, development, documentation, reviews and testing of physical layer signal processing and control modules.
- Integration of software with Baseband and RF chipsets in an embedded environment, participating in interoperability test, field trials and customer support.
- Cross-team interaction with MAC software, chip design (baseband/RF), physical layer algorithms/simulation, hardware reference design and customer interfacing teams.

Educational Qualification and experience
- BE/B.Tech/ME/MS/M.Tech in Electrical, Electronics or Communication Engineering from reputed institutes
- 1 to 4 years of work experience in wireline/wireless domain in embedded product space
- Fresh graduates from reputed institutes such as IIT/IISc may also apply.

Required skills and experience
- Strong fundamentals in digital and analog communication theory, signal processing.
- Strong programming skills (C/Assembly).
- Knowledge of SCM tools and the entire lifecycle software development process.
- Working knowledge of MATLAB for data analysis.
- Background in analysis and design of physical layer algorithms for real time embedded wireless products.
- Working knowledge of usage of lab tools, channel emulators and analyzers.
**Soft Skills**
- Experience in cross functional interaction and customer team interaction
- Should be able to work independently and in a team
- Good communication skills and ready to take ownership
- Dynamic, hardworking, rigorous, autonomous, good team spirit
- Strong analytical and problem solving skills
- Open to travel

**Preferred Experience and Training**
- Product development experience in WiFi/WiMAX/LTE/3G/HSDPA/HSUPA on client/mobile side in a semiconductor company
- Knowledge of OFDM/OFDMA systems is a plus

**About Beceem Communications**

Beceem is a fast growing company with a solid foundation, great technology, globally recognized partners and the industry's best and brightest employees.

Beceem is a leading provider of 4G semiconductors and offers a number of single-chip solutions optimized for mobile devices and CPE markets. Beceem’s products are WiMAX certified, exclusively power the CLEAR and Sprint 4G networks in the United States and are validated against the WiMAX base stations from major OEMs. [http://www.beceem.com](http://www.beceem.com)