Embedded Software Engineer

Smart Antenna R&D Group
ADANT S.r.l

*Our Company:* ADANT develops, design and sells advanced smart-antenna systems for Wi-Fi, LTE and other wireless telecommunication devices based on its patented BeamShaping™ re-configurable antenna technology. Adant has been founded in 2010 with the objective of bringing to market the results of multiple year of advanced research cooperation in the field of RF and telecommunication between the Universities of Drexel at Philadelphia and Politecnico di Milano. Adant currently owns a significant portfolio of Patents and IP in the field, and serves top notch Clients worldwide in the networking equipment, RFID and other telecommunication markets. Headquartered in Pleasanton, CA, Adant has a significant presence in Italy with its R&D center located in Padova (PD), where all its new antenna and software systems are conceived, designed and engineered.

**Location:** Padova (Italy)

**Division:** R&D

**Job description**

Embedded Software Engineer will be responsible for Wi-Fi (802.11.n/ac) drivers development, technical issues and other related problem solving activity in the course of lab and field tests of Adant’s smart antenna technology in APs, Notebooks and Smartphones. Will participate in the development and engineering of advanced smart-antenna control algorithms, including but not limited to throughput maximization, interference mitigation, user mobility optimization and other system optimization applications.

**Qualifications**

The candidate should have the following qualifications:

1. Good experience implementing C/C++ software
2. Experience developing embedded Linux software for wireless platforms
3. Good knowledge of 802.11 wireless protocols

For this position we are looking for highly motivated people, with good knowledge of English, curious, client and problem solving oriented, willing to learn and accept challenges.

**To apply:**

Please submit your resume to: info@adant.com