Scholarship for Master or Degree Thesis

Implementation of Distributed Machine Learning in Wireless Sensor Networks

We offer:

- Join a dynamic research team in an exciting search for distributed artificial intelligence.

- Competitive salary according to motivation and experience.

- Very clear goals and expected achievements. Your main task is to port distributed algorithms of machine learning to one embedded system. You will know what to do from the beginning, as well as what is still missing to finish the project.

- This is an R&D position. You will have the chance to do autonomous research, in different layers (operating systems, communications, development tools, machine learning, optimal control theory, multiagent systems...).

- You have to understand how the algorithms work, so we will train you on the theoretical part (namely machine learning, optimization, optimal control theory and distributed dynamical systems).

- We already have much experience so we will help you to take off.

- Possibility to publish in an international conference.

- Possibility to extend and extend the contract, as development engineer or as PhD student.

- Work for a CONSOLIDER project with 10 partners, that will boost your CV.

Required skills:

- Good programming skills: C, Java, Linux environment and the GNU toolchain

- Highly motivated students who think challenges are fun

- Some knowledge of MCU, operating systems, communications and signal processing

- Autonomous, responsible and compromised people able to manage your schedule to deliver results on time

- Team player, enjoy sharing your ideas and appreciate getting feedback

- Hard-worker, like pushing your limits

- About to finish your Master or Degree and want to do your thesis with us, or you just think that this position is for you

Contact us:

Send your CV and a short motivation letter to Sergio Valcarcel, sergio@gaps.ssr.upm.es