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Professor Jerker Delsing
EISLAB, Department of Computer
Science and Electrical Engineering
Luleå University of Technology
971 87 Luleå

Dear professor Jerker Delsing,

I found the ads on the university homepage and the Control over a wireless sensor network link sounded like a very interesting project.

I'm a graduated Engineering Physicist with specialization to applied mathematics. This means I have done some electro magnetic modeling, primary I've worked a lot with vector algebra and find it both interesting and unchallenging. Mathematical modeling and programming is something I have done a lot, even as a chemist. Since my work was primarily analytical in nature signal processing was a great part of it. The fact that I already have some experience with research studies, I'm looking forward to another project. The fact that my previous project was canceled have only made me more interested in research, and I hope that will cut down on the startup time. Some of the courses I took in signal processing during that time might even be useful together with other courses I am hoping to be able to take.

It sounds like the project has a lot of opportunity for mathematical modeling. The wireless connection of sensor sounds very interested and I'm looking forward to studying it further. Time synchronization sounds interesting, but tricky, but that means that it will prove an interesting challenge. I have to admit that communication protocols is not something I have dealt a lot with, so it means I have to read up and learn something new. My final thesis dealt a little with communications at least, and I have friends and contacts I can ask if I need to broaden my understanding.

Since I live on campus, I am available for meetings and questions at most any time. I'm currently unemployed, so I can start working immediately, actually, as soon possible would be preferable.

Yours sincerely,

Lic. Henrik Andrén

encl: CV