

Master's Thesis Position: Multi-touch in education

at the LUMA Resource Centre, Aalto University

LUMA Resource Centre aims to support and advance studies of mathematics, natural sciences and technology at all levels of school and to increase young people's interest in those areas. It offers high quality courses for students at upper secondary education. The courses for instance in mathematics, chemistry, geology and astronomy are taught by university teachers and professors.

LUMA employs the latest techniques in teaching, and is happy to announce an open master's thesis position which focuses large-sized multi-touch surfaces in education. The thesis work includes:

- survey of related work (multi-touch and its use in education)
- teacher interviews and familiarizing with current lab works
- multi-touch platform and demo application development
- and of course, writing the thesis

We appreciate the following skills:

- programming experience (C# / Java or C++ preferred, HTML5 and JS is a bonus)
- basic knowledge in human-computer interaction
- basic knowledge in IP protocols
- ability to work individually and in a small team

The position is full-time (6 months), and can start immediately. For application, please email the following documents (in Finnish or in English) attached:

- cover letter
- curriculum vitae
- transcripts of records
- other supporting documents e.g. letters of recommendation

The applications should be sent no later than on **Friday, December 14th, 2012 by email to Jari Kleimola** (firstname.lastname@aalto.fi), who also answers to any questions related to the position. The Department of Media Technology and the Department of Automation and Systems Technology are situated in Otaniemi campus of Aalto University, TUAS-building, Otaniementie 17, Espoo.

More information:

<http://luma.aalto.fi/en/>

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