Harald Nordgren | Software Developer

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Education

Faculty of Engineering, Lund University (LTH)	**Lund, Sweden**
Master of Science in Computer Science	*2009 – Present*

Specializing in Software development
Degree projected for spring 2016

College of Engineering, University of Illinois	**Urbana–Champaign, Illinois, USA**
Exchange studies	*2013 – 2014*
Lund University	**Lund, Sweden**
Film and cultural studies	*2012 – 2013*

Master thesis

Title: *Guided Transcoding for Next-Generation Video Coding (HEVC)*

Description: I compared methods for transmitting downscaled versions of high-quality video in more effecient ways. I investigated the performance effects of the number of downscaler taps, as well as implemented experimental algorithms for lossless bitrate reductions.

Languages

Swedish: Fluent	*Native language*
English: Fluent	*I studied in the United States for a year and lived with a group of American roommates.*

Programming skills

Advanced	*Python, Java, C, C++, Matlab, Shell script, Unix terminal (git, vim, grep, ssh, awk, redirection, pipes)*
Basic skills	*LaTeX, Haskell, Perl regex, HTML, Maple*
Beginner	*MIPS Assembly, Javascript, CSS, Ruby*

References

Printout from university grades database given on request.