PERSONAL INFORMATION   Frida Gyllensvärd

📍 Folkborgsvägen 17, 601 76 Norrköping, Sweden

📞 +46 (0)11 4958171

✉ frida.gyllensvard@smhi.se

Sex Female | Nationality Swedish

JOB APPLIED FOR   Project Coordinator and Service Designer

WORK EXPERIENCE

Oct. 2016 - present	**Project Coordinator and Service Designer** Swedish Meteorological and Hydrological Institute (SMHI), Norrköping (www.smhi.se)
May. 2016 - Oct. 2016	**Application Developer GIS/Geodata** Swedish Maritime Administration, Norrköping (www.sjofartsverket.se)
Aug. 2008 – May. 2016	**Project Manager / Systems Engineer** Saab Aeronautics, Linköping (www.saabgroup.com)
Feb. 2004 – Aug. 2008 (part time 2011)	**Research engineer and PhD** Center for Image Science and Visualization (www.liu.se/cmiv) , Linköping University (www.liu.se)

EDUCATION AND TRAINING

2006-2013	**Ph.D** Linköping University (www.liu.se) Scientific Visualization and Interaction
1999-2004	**M.Sc** Linköping University (www.liu.se), Norrköping Media Technology, Scientific Visualization

PERSONAL SKILLS

Mother tongue(s)	Swedish
Other language(s)	English (fluent), German (basic)
Organisational / managerial skills	▪ Project manager / Team leader ▪ WP leader (SWICCA, Copernicus project) ▪ Project coordinator (Hydrology Research, SMHI)
Job-related skills	▪ Visualization ▪ Service design
Driving licence	B

ADDITIONAL INFORMATION

Publications

Gyllensvärd, F. (2011). *Efficient Methods for Volumetric Illumination* (Doctoral dissertation, Linköping University Electronic Press). http://liu.diva-portal.org/smash/get/diva2:449126/FULLTEXT01

Hernell, F., Ljung, P., & Ynnerman, A. (2010). Local ambient occlusion in direct volume rendering. *IEEE Transactions on Visualization and Computer Graphics*, *16*(4), 548-559.

Nguyen, T. K., Ohlsson, H., Eklund, A., **Hernell, F**., Ljung, P., Forsell, C., Andersson, M., Knutsson, H., & Ynnerman, A. (2010). Concurrent volume visualization of real-time fMRI. In *8th IEEE/EG International Symposium on Volume Graphics, Norrköping, Sweden, 2-3 May, 2010* (pp. 53-60). Eurographics-European Association for Computer Graphics.

Hernell, F., Ljung, P., & Ynnerman, A. (2008). Interactive global light propagation in direct volume rendering using local piecewise integration. In *Volume and Point-Based Graphics 2008, Eurographics/IEEE VGTC Symposium Proceedings Seventh International Symposium on Volume Graphics Fifth Symposium on Point-Based Graphics, Los Angeles, California, USA August 10–11* (pp. 105-112). Eurographics Association.

Hernell, F., Ljung, P., & Ynnerman, A. (2007). Efficient ambient and emissive tissue illumination using local occlusion in multiresolution volume rendering. In *Volume Graphics 2007 Eurographics/IEEE VGTC Symposium Proceedings Sixth International Symposium on Volume Graphics, The Czech Technical University, Prague, Czech Republic, September 03–04* (pp. 1-8). IEEE.