
Jon Karlsson (complete CV)

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Summary of Qualifications

ILS/LE and Reliability Engineering ♦ Systems Engineering ♦ Flexible, optimistic, and works well with people ♦ Solid writing and research skills ♦ Experienced in working in diversified groups ♦ Quick learner ♦ Dual degrees (MSc in engineering and BSc in business).



Professional Experience

Combitech, Stockholm Sweden **2014 –**
ILS consultant ♦ Helping customers achieve more reliable, maintainable, and supportable system designs.

Keywords: ILS, reliability, availability, maintainability, supportability.

Saab Security and Defence Solutions, Järfälla Sweden **2009 – 2014**
Reliability engineer ♦ Subject Matter Expert for Logistics Engineering (last year only) ♦ Combat Management Systems and Fire Control Systems.

Keywords: ILS/LE, reliability, availability, maintainability, requirements, RAM, FMECA, MTA, RBD, spares optimisation, support concept creation, system design influence.

Hydro Polymers / Ineos, Stenungsund Sweden **Summers 2004, 2005, 2009**
Polyvinyl chloride manufacturing facility.
Process operator summer trainee ♦ Control and maintenance of petrochemical processes.

Värmlands nation, Uppsala Sweden **2008**
350 years old student organisation at Uppsala University ♦ 2,800 members.
President ♦ Head of board.

Formal Education

Uppsala University, Sweden **2003 – 2010**
Master of Science in Sociotechnical Systems Engineering.
GPA 4.32 (max 5) ♦ Multidisciplinary training resulting in a comprehensive understanding of complex, dynamic systems with both technical and human components ♦ MSc thesis at defence company Saab: “*Evaluation of the Model-Based Diagnostics Software RODON*”.

Bachelor of Science in Business. **2003 – 2008**
BSc thesis subject: “*Concept Change on Värmlands nation: Project Management and Organisational Structure at a Student Organisation in Uppsala*”.

California Polytechnic University, San Luis Obispo CA USA
Rated the best public-master's university in the West by U.S. News & World Report in its 2010 America's Best Colleges Guidebook.

Exchange studies focused on business administration. **2006 – 2007**
GPA 3.86 (max 4) ♦ Appointed member of the National Society of Collegiate Scholars in spring 2007 (top 5% in academic test results).

Continuing Professional Development

- Windchill Quality Solutions introduction, Reliacore **2014**
1 day ♦ Introduction to the WQS software (formerly Relex) ♦ Prediction module ♦ RBD module.
- FMV-kurs i systemsäkerhet, FMV **2014**
5 days ♦ General safety for military equipment and materiel ♦ System safety methodologies ♦ Legal, user, and design requirements.
- Introduction to Doors, Saab **2013**
1/2 day ♦ Requirements analysis and management in the Doors environment.
- RS 522 Advanced System Reliability/Maintainability Analysis, ReliaSoft **2013**
3 days ♦ Advanced concepts and applications for system reliability/maintainability analysis and optimization utilizing an RBD approach ♦ ReliaSoft's BlockSim software.
- MSMT Reliability Foundations Series, ReliaSoft **2013**
5 days ♦ Life data analysis ♦ Weibull analysis ♦ Lifetime distributions ♦ Reliability metrics Accelerated life testing ♦ System reliability/maintainability analysis ♦ ReliaSoft's Weibull++, ALTA PRO and BlockSim software suite.
- Systems Engineering School, Saab and Syntell Training **2012**
20 days ♦ Life-cycle models ♦ Technical processes ♦ Project processes ♦ Organisational project-enabling processes.
INCOSE ASEP certified.
- Access 2010 Foundation Course, Lexicon **2012**
2 days ♦ Relational databases ♦ tables, queries, forms and reports.
- SPM-utbildning, Saab **2012**
1 day ♦ GMS ♦ PPS ♦ Project realisation.
- Sonar and Hydro Acoustics Introduction, Saab **2012**
1 day ♦ ASW ♦ MCM ♦ Passive sonar ♦ Active sonar ♦ Noise sources ♦ Submarines.
- Grund- och Förvaltningsdata (GoF), FMV **2011**
2 days ♦ PDR ♦ FREJ88 ♦ CD-FREJ.
- Summer School on Logistics Engineering and Management, Syntell Training **2010**
5 days ♦ ILS management, contracting, and planning ♦ Through life management ♦ The role of supportability in the Systems Engineering process ♦ Influence and optimisation of system design from a support perspective ♦ UK Def Stan 00-60 ♦ PLCS.

Volunteer Experience

- Kuratorskonventet, Sweden **2009**
Body of cooperation between student organisations in Uppsala.
Secretary of the board.
- Värmlands nation, Sweden **2004 – 2009**
Secretary of the board (2005-2006) ♦ Head of the new students welcoming committee (2004-2006) ♦ Member of scholarship granting committee (2005) ♦ Head of club & pub activities (2004).
- Sverok Väst / Sverok Svealand, Sweden **2000 – 2006**
Regional districts of one of Sweden's largest national youth organisations.
Sverok Väst: board member (2000-2002) ♦ Vice president (2003) ♦ Vice accountant (2004).
Sverok Svealand: board member (2006).

Computer Skills

Advanced knowledge: ReliaSoft's BlockSim, Isograph's Reliability Workbench, Systecon's Opus10, Microsoft's Access and Excel.

Basic knowledge: ReliaSoft's Weibull++ and ALTA, MathWorks' MatLab, Combitech's RODON, Scandpower's RiskSpectrum.

Personal Information

I was born in Värmland, but grew up and went to school in Bohuslän. I enjoy meeting different cultures and love travelling and new experiences. I like to get involved in things, both in my professional life and on my personal time. Because of this I have been an active member in a wide range of different non-profit associations during the course of my life, ranging from drama clubs to student interest groups and youth organisations. Improvement and advancement are continuing forces that propel me forward in life.