

Curriculum Vitae

1. **Family name** Rydberg
2. **First names** Simon
3. **Date of birth** June 26 1981
4. **Nationality** Swedish
5. **Civil status** Unmarried



6. Education

Institution	Mälardalen University, Department of Computer Science and Electronics Västerås, Sweden
Date:	2000-2006
Degree(s) or Diploma obtained	Master of Science, Computer Science
Institution	Mälardalen University, Department of Computer Science and Electronics Västerås, Sweden
Date:	2000-2006
Degree(s) or Diploma obtained	Master of Science, Computer Engineering

7. Language skills

Language	Reading	Speaking	Writing
English	5	5	4

9. Other skills

10. Present position

System Developer, Transrail Sweden AB

11. Years with the firm

Since 2000 on hourly bases. Full-time since 2005.

12. Key qualifications

- Object oriented analysis
- System development

13. Foreign Countries professionally visited

Country	from	to

14. Professional Experience Record

General (not full time):

Area of competence 10 years

Date: 2000 -

Location: Stockholm, Sweden

Company: Transrail Sweden AB

Transrail is a professional firm, with the prime objective to provide systems engineering services and advice on technical strategies in the transport sector, especially the railway sector. The company was started in 1995.

Position: System Developer

Description:

2001 Myller

System developer for Myller a rich-client system that simulates and calculates times to board and exit a train at a station.

Technology: Borland C++ Builder

2000-2002 Scheduling

System developer for a rich-client time and resource management system for Tågkompaniet that operates traffic in northern Sweden. The system aided the planning of traffic and supported the operative traffic through rich graphical diagrams that illustrates

the planned/current traffic.

Technology: Borland C++ Builder, Ration Rose, Interbase

2000-2002 TSDA

System developer for a calculation system *TSDA* (Transport System Design and Analysis) a computational model for analysis and design of freight transport systems. Which lets the user to compare market potential for different systems out of a productional and technical standpoint, and to do resource planning based on market potential and expected transport volumes.

2003-2006 CATO

System architect and developer for CATO, Computer Aided Operation to Banverket. The system is a high flexible and configurable platform that loads module at start-up and calculates train movement and optimize train running through numeric calculation. One of the main features is the flexibility of changing algorithm transparently.

Around the core server libraries are remote interface and joystick manoeuvring trains.

Technology: Java, Spring Framework, Hibernate, MySQL, Web Services integration to C++ system, Borland C++ Builder.

2006 TSDA

System Developer for TSDA, a calculation program used for calculating the dimension of a new railwaysystem to and from Stockholm harbor.

Technology: Java, Spring Framework,

2007 Piloten

System Developer and System Architect of *Piloten (The Pilot)* for Euromaint. It's a web based system which displays information about damages and planned maintenance of railway vehicles. There is also information and connections to the routes and the timetable.

Technology: Java, Spring Framework, MySQL, Hibernate, JSP

2008-2010 emplan

Project leader and System Developer, System Architect of *emplan*, the next and live version of *Piloten*.

Technology: Java, Swing, Web-Services, Spring Framework, MySQL, Hibernate

2009-2010 CATO

Scrum master, System Developer and System Architect in the development of the next

version of CATO.

Technology: Java, Spring Framework, MySQL, Hibernate, ActiveMQ, MSMQ

15. Others

Selection of Courses/Certificates:

2009

Certified Scrum Master