

# Hans Salomonsson

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## Work Experience

- Consultant** Gothenburg, Sweden  
*HS Ekonomisk Analys & Applikationsutveckling*  
Jan. 2015 - Present  
Available for software and data analysis projects. Currently giving lectures and workshops in machine learning.
- Data Scientist** Kungälv, Sweden  
*Celerus Capital AB*  
April 2014 - Dec. 2014  
Developed automated trading systems. Introduced machine learning to the company and developed infrastructure and algorithms in Scala to support such research. Carried out research projects and taught my colleagues machine learning. Worked in a UNIX environment.
- Quantitative Developer** London, UK  
*NM Holdings Ltd.*  
Sep. 2012 - Nov. 2013  
Developed prediction systems using statistics and machine learning. Started up this London research branch of the company together with one senior software developer. The office was by the owner considered a great success and after 1.5 years the office had seven researchers and was globally in charge of all research. Most development was done in C# and R.
- Data Analyst** Greenbelt, MD, USA  
*NASA (NVI Inc.)*  
Summer 2009  
NVI Inc. provides scientific services to the US federal government, primarily NASA. I was working with the Very Long Baseline Interferometer (VLBI) project at the NASA Goddard Space Flight Center in Greenbelt. During my tenure I developed data simulation software to verify the operations of an analysis program that is used for calibrating radio telescopes.

## Education

- M.Sc. Complex Adaptive Systems** Gothenburg, Sweden  
*Chalmers University of Technology*  
Sep 2010 - Feb 2012
- UNITECH International Programme** Delft, Netherlands  
*Delft University of Technology*  
Sep 2009 - Jan 2010
- B.Sc. Engineering Physics** Gothenburg, Sweden  
*Chalmers University of Technology*  
Sep. 2005 - May 2009
- B.Sc. Industrial and Financial Management** Gothenburg, Sweden  
*Gothenburg University: School of Business*  
Jan 2007 - June 2010

## Extracurricular Activities

- Chalmers Engineering Trainee Appointment Committee** Chalmers University  
*Chairman*  
Mar 2008 - June 2009  
Planned and organized the work throughout the year. Responsible for the contact with the American Scandinavian Foundation, Swedish American Chambers of Commerce and Chalmers Scholarship Foundation. Arranged more internships and greater scholarships than previous five years despite the financial crisis.
- Fresher's weeks Committee** Chalmers University  
*Chief of Sponsoring*  
Oct. 2005 - Oct 2006  
Was part of the team planning and carrying out daily events for the new students at the Physics faculty during their first four weeks. Responsible for sponsoring. Increased the record of raised money by 2/3, from \$4300 to \$7200.

## Skills

**Programming Languages:** C/C++, Python, R, JAVA, Scala, C#, ASP.NET, MATLAB, HTML, CSS, Javascript, L<sup>A</sup>T<sub>E</sub>X.

**Operating Systems:** Linux (Ubuntu & Red Hat), Windows XP/Vista/7/8, OS X.

**Applications:** Eclipse, IntelliJ, PyCharm, Clion, Microsoft Office.

**Languages:** English (fluent), Swedish (native), German (basic).

## Interests

**Academic:** Machine Learning, Analytics, Finance, Business Operations & Strategy.

**Activities:** Sailing, Windsurfing, Golf, Cooking, Running, Skiing, Hiking.

## Awards

**Academic:** HT Cedergrens Fellowship, UNITECH International Fellowship, Helge Ax:son Fellowship, AAA Fellowship and Marcussens Stipendiefond Fellowship.

**Competitions:** Twofold winner of case competitions hosted by McKinsey & Company.