Simon **Bergström**

Education

2010–2015 **Master of Science in Media Technology**, *Linköping University*, Norrköping, *MSc.*
Five year long education which aims at the technology behind the different types of media existing today. Consist of courses with a focus on software development, image processing, visualisation and computer graphics.

2009–2010 **Military Service**, *Göta ingenjörregemente*, Eksjö, *Corporal*.
I was educated to a deputy squad leader in the search for explosive device and guard duty.

2006–2009 **Upper secondary school**, *Bergska skolan*, Finspång, .
Education with focus on the scientific and mechanic technology subjects such as math, physics, chemistry, construction and computer-aided design.

Experience

Vocational

2014 **Software Developer**, *Ericsson*, Linköping.
Summer work which included developing software for internal use within the 3G-Sim department.
The work taught me:
- **Work in linux enviroment**
  - Learned how to work in a linux environment with UNIX commands and some bash scripting. It also included work with python,perl and some use of Jenkins.
- **Test memory handling in C++**
  - Compared the open source tool Valgrind with IBMs Purify for testing memory handling in C++. Learned a lot about the tools and memory handling in C++.
- **Radiator with rasberry pi**
  - Responsive radiator view implemented in Javascript,CSS and data transmitted with AJAX. Learned some network web security on the way.

2010–2013 **Internship at the Purchasing Department**, *SIT AB*, Finspång.
The work taught me:
- **Work at a big multinational company**
  - I gained experience in working with people from different countries and cultures which included a business trip to Kiev. Also learned to work in the big business system SAP.

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Master thesis

title	*Analysis and Visualization of Multivariate High-content Screening Data Including Robust Feature Selection*
year	2015
authors	Simon Bergström & Oscar Ivarsson

supervisors		
	Torbjörn Nordling	Ph.D, Nordron AB
	Aida Nordman	Ph.D, ITN, Linköping University
	Katerina Vrotsou	Ph.D, ITN, Linköping University
	Magdalena Otrocka	Ph.D, LCBKI, Karolinska Institute

description A web application is in creation which will facilitate the analysis for data generated from high content screening. The work included data mining,feature selection and visualisation of big data up to gigabytes in size.

Languages

Swedish	**Mother tongue**
English	**Fluent**

Programming skills

Good knowledge	Javascript,Java,C++,SQL,MATLAB
Working knowledge	PHP,Python,XML,XSLT,XPath,Bash,CSS
Frameworks etc.	Git,d3.js,Angular.js,React.js,SciDB,Flask,OpenGL,GLSL,Three.js,Node.js,Express.js,JUnit, QUnit,Selenium,Jenkins

Interests

Sports Have been exercising all my life with football and have played bandy in the second division (Allsvenskan) in Sweden. Today I go to the gym, run outside and participate in sport activities like beach volleyball or floorball etc. at amateur level when opportunity occurs.

Miscellaneous

○ Winner in the category "Best Tech" in the hackaton Hack Out For Summer 2014 arranged by Spotify and LitheHack.

References

Name/Role	Contact	Role/Company
○ Åsa Lindgren	+46 10 7114844	Line Manager, Ericsson
○ Torbjörn Nordling	tn@nordron.com	Supervisor MSc thesis, Nordron AB
○ Anders Molund	0122-82163	Head of Purchasing, SIT AB

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