

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:

o 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++.

o 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:

o 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.

Master thesis

title Analysis and Visualization of Multivariate High-content Screening Data Including Robust Feature Selection

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 Javascript, Java, C++, SQL, MATLAB

knowledge

Working PHP,Python,XML,XSLT,XPath,Bash

knowledge

 $Frameworks \quad Git, d3.js, Angular.js, React.js, SciDB, Flask, OpenGL, GLSL, Three.js, Node.js, Express.js, JUnit, Control of the Control of$

etc. 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