

# CV

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Pictures and links related to my projects can be found on my website.

## Education

### LiU Linköpings Universitet, Linköping

aug 2016 -

After two years at KTH, I switched to LiU, continuing my third year for a master in Computer Science. Here I have built **robots** from scratch involving a lot of hardware and C programming. I have also gained deep knowledge in **Python** and working with others in a project group.

### KTH Royal Institute of Technology, Stockholm

aug 2014 -

I'm studying Computer Science and after finished studies I will have a Master of Science degree. So far I have taken courses that have given me a deep knowledge in **Java, Haskell, C/Assembler**, Linux systems, human-computer interaction, **SQL**, hardware and various mathematics.

### Blackebergs gymnasium, Bromma

aug 2012 - jun 2014

High school, Natural Science, graduation 2014

### Flushing High School, Michigan, USA

aug 2011 - jun 2012

Senior year, CAD, CAD Architecture, Physics, English, US History, graduation 2012

### Bromma gymnasium, Bromma

aug 2010 - jun 2011

High school, Natural Science, year 1

## Employments

### System Developer, Adtraction

feb 2016 –

I'm working here part time on the side of my studies at KTH and LiU. I program mainly the backend (**Java**, **Tomcat**, **SQL**) but also some frontend (**Javascript**) in their system. That includes fixing bugs, adding new features and doing maintenance. We use a simple version of **Kanban** to divide the work between the different developers in the project.

### CAD-teacher/substitute, Academic Work/Rudbeck Sollentuna kommuns Gymnasium

jan 2016 – feb 2016

This was a temporary job where I filled in as a substitute teacher in all CAD classes. My job was to help students with their CAD projects, motivate, encourage and record attendance. This job was only temporary and I took it because I'm interested in CAD.

### Software Developer, Giesecke & Devrient

jun 2015 – aug 2015

My task was to work with two other employees to implement two web services for G&D's internal use. The first service was a database that is used to keep track of the company's test-SIM and the second service was to track and identify the software installed at G&D's all customers. We managed to implement both services with all requested features fully functional. We used **Java** and **Tomcat** with servlets to create server side (back-end) for both projects. For front-end we used **Javascript** with jQuery, **JSP**, **HTML**, **CSS** and Fusioncharts and more.

### IT Consultant/Technician, Brainpeople/InfoCare Service AB

may 2014 – jun 2015

I worked with PC maintenance. The job consisted mainly of guarantee jobs where I on behalf of the broken computer's manufacturer went out to the customer and identified and fixed the problem, usually replacing hardware. Customers I successfully visited include **Riksbanken**, **Swedish Armed Forces** and **Microsoft** and other large companies.

To have knowledge of all existing data components and how these are replaced and installed is vital in this work. It also requires good social skills as customers tend to be stressed or even very annoyed when their computers have broken down. Good communication with the customer is required in case of suddenly upcoming problems.

Drawing of floor models and more, Atlasmuren  
Fastighetsteknik AB

summer 2013

The work consisted of making plumbing drawings of two floors in **AutoCAD 2D**. The work also consisted of designing drawings for a two story villa and an office building in **Autodesk Revit 3D** based on a model.

Renovation work, MAIN AB

summer 2012, autumn 2013

The work consisted of renovating the laundry and parts of an apartment in an apartment building. This included bricklaying, skimming and painting.

Right-hand man, kiosk manager, FPH Restaurang o Bar  
AB, Fullerö Golfklubb

summer 2011

The work included sales and replenishment of goods in the kiosk as well as to help in the restaurant.

Helper, Swedish Church konfirmationcamp, Sundborn

summer 2010, 2011, 2012

Where I cooked for many, washed the dishes and did the other kitchen chores and cleaning.

## **Projekts**

Construction with microcomputers, building and  
program a robot

aug 2016 – dec 2016

We were a group of six students constructing a robot from scratch with the purpose of having the robot being able to retrieve an item from any position in a labyrinth following the given block size. We successfully completed this task.

Programming 2D game in Java

may 2015

I and two other students from KTH had as a project to program a 2D game in java. We managed to create a very fine and well-functioning version of the old game Space Invaders. We used the library **Slick2D**. The code and pictures can be found on my website.

Design and construction of a radio-controlled made to  
scale sailboat

2013 - may 2014

I and a close friend built a radio-scaled version of the sailboat Volvo Ocean 70 as a project in High school. The boat was 1.3 meters long and fully functional and controllable. Images and the report can be found on my website.

## Other courses

### Scrum workshop, Skype

2016

Me and my project group at KTH were invited to the Skype headquarters in Stockholm where we learned about how they work and how big companies generally tend to work with **Scrum** and **Kanban**.

## Other qualifications

### Third Place, Michigan Industrial and Technology Education Society, USA

2012

In this engineering competition in the US participants compete in various categories with drawings in CAD both 3D and 2D. I won first prize in four categories in the district competition and came in third in the final, which included the entire state of Michigan schools.

### Exchange student, Flushing, Michigan, USA

2011 - 2012

I spent an academic year in Explorius exchange programs in the US, where I studied as a senior at a US high school. During this year I grew and matured as a person and collected many life-long experiences and knowledge.

### Varsity Ski, Flushing, Michigan, USA

winter 2011 - 2012

I was selected to participate in the varsity Skiteam, which includes the school's best skiers where only a few will be selected to participate. We trained and competed in slalom and super-G.

### Soccer, Brommapojkarna, Bromma och J.V. Soccer, Michigan, USA

2000 - 2010,  
autumn 2012

Ever since I was small, I played soccer in the club Brommapojkarna. In the United States, I played in J.V. Soccer which was Flushing High School's soccer team.

## Språk

Swedish, native language

English, completely fluid

French, step 4 secondary school

## **Computer skills**

I have extensive knowledge of all the programs that can be found in a regular work or gaming computer. I have great skills in drawing and model programs like **AutoCAD 2D** and **Autodesk Inventor 3D**. I have a good understanding of the operating systems Windows and Linux and how these work with the hardware and it's drivers.

I can program with the languages **Java**, **Haskell** and **Python** and use the languages **JavaScript**, PHP, HTML and CSS. I also have deep knowledge in hardware and programming in **Assembler** and **C**. Some tools/libraries that I have worked a lot with are **Tomcat**, **jQuery**, **Meteor** and **Slick2D**.

I have good understanding of relational databases (**SQL**) and **MongoDB**.

With long computer experience, I can handle most advanced programs in the digital world. I can create advance programs and websites, create 3D models and drawings, edit and create advanced videos and photos as well as helping others who do not match my experience with technology.

## **Driving license**

Holds a B license.