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## Education

### **The Royal Institute of Technology (KTH)**

2010-: *Bachelor of Science in Engineering Physics*

2013-: *Master's Programme in Machine Learning*

Focusing on information retrieval, computer image detection & scientific visualization.

### **Christopher Polhem Gymnasium (High School)**

2008-2009: *Electrical Installation*

## Work

### **Royal Institute of Technology**

2015-: Teacher Assistant for the course Fundamentals of Programming and Computer Science

In charge of course examination of the Python and Matlab programming languages

### **Studybuddy AB**

2013-: Tutor in Mathematics, Physics and Technology

Ages 10-18.

## Publications

Ansin, R. & Lundberg, D. (2013). *Automated Inference of Excitable Cell Models as Hybrid Automata*

Bachelor's thesis, Royal Institute of Technology, Stockholm, Sweden.

diva2:755070

## Computer Knowledge

**Programming Languages** 8 years - Python

4 years - Matlab

2 years - C++, C#, Lua, Javascript

2 years - SQL database programming (PostgreSQL, SQLite, MySQL)

**Tools & Operating systems**

Strong command of the Linux command line and working in Linux environments

Windows, OS X

Microsoft Office suite, LaTeX, MonoDeveloper

## Activities

**Physics Section of the KTH Student Union**

2012-2013 - *Member of the nominating committee*

Handling information distribution, record keeping and vote counting. 2012 - *President of the International Board*

Handling activities and reception of all international students belonging to the physics chapter.

2011 - *Vice President of the International Board*

2011 - *Responsible for the Student Bar (Barmästare)*

Team leader during bigger events (100-250 people).

In charge of purchases and handling the bar assortment.

**THS International (KTH Student Union's International section)**

2011-2013, 2015 - Student guide for the participants of the International reception at KTH