



# Emil Johansson

Student at Lund University

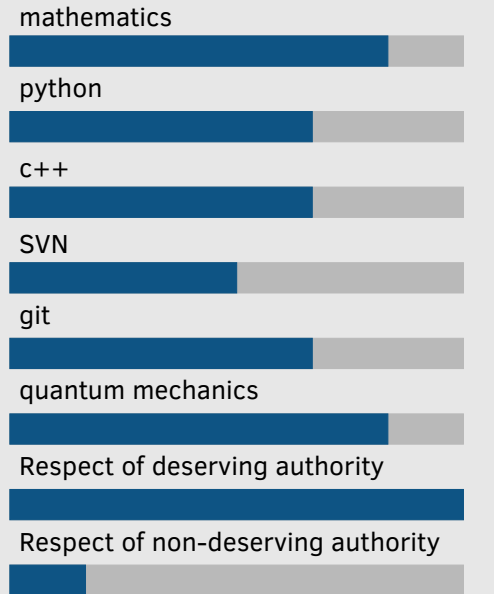
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## About me

Mathematical Physicist with a passion for Software Engineering. I hope to find a position combining mathematics software engineering.

Favorite language: c++ | Least favorite language: Matlab | Favorite editor: Emacs

## Skill



(\*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

## interests

In my spare time I like to travel and work on my own programming projects. A Raspberry Pi is running on my closet as a personal server for backups and matrix home server etc. I am also interested in robotics software in general and automation technology.

## education

since 2016	M.Sc. Majoring in Physics	Lund University
2013-2016	B.Sc. Majoring in Physics	Lund University
2010-2013	High school Specializing in natural sciences.	Haganässkolan, Älmhult

## publications

2016	Numerical simulations of contact geometry effects on transport properties of semiconductor nanowires: Bachelor thesis work at the department of mathematical physics.
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## awards

2013	Swedish Junior Water Prize: Award for my high school graduation project investigating presence of lead in garden hoses.
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## experience

2015	Sudoku solver A side project besides my studies to learn about UI programming and deployment to ios-devices. (No longer maintained)	ios-application
2017	Silly Walks A side project besides my studies to learn about code re-usability, software design, artificial intelligence and the c++ language. Initially started as part of the Sudoku Solver app to import a Sudoku with the camera. (Work in progress)	Artificial neural network

## other information

Born in the small town of Älmhult in Småland, moved to study physics at Lund University in 2013.

The goal of my studies at Lund University is to train my ability to learn independently, not to memorize facts and formulas. In an ever changing world, the ability to quickly comprehend and analyze is more important than ever. My grades are not spectacular as I never really study specifically to pass exams, but to understand the subject. However, I have not to this day failed an exam.

In ten years I see myself as the specialist, the guy to ask when there is a problem in my area of expertise. I enjoy investigating abstract constructions in depth using mathematics to understand them. Although I am not sure I want to be that person my entire career. Eventually I want to develop the expertise to maybe start my own enterprise or take more of a leadership role.