



Emil Johansson

Student at Lund University

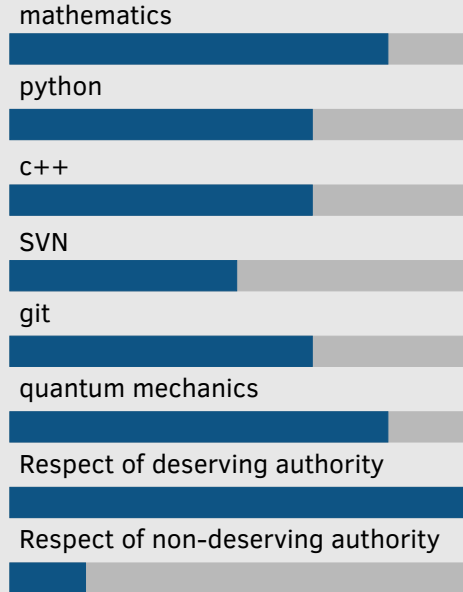
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About me

Mathematical Physicist with a passion for Software Engineering. I hope to find a position combining abstract mathematical models and 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

On 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 ... Also interested in robotics software in general and automation technology.

education

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

publications

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

awards

- 2013 Swedish Junior Water Prize Award for my high school graduation project investigating lead in garden hoses.

experience

- 2015 Sudoku solver ios-application
A side project besides my studies to learn about UI programming and deployment to ios-devices. (No longer maintained)
- 2017 Silly Walks Artificial neural network
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)

other information

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

From my studies at Lund University I want to gain the ability to understand new things not to memorize the facts taught by the professors. In a ever and faster 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 for the exams but have not to this day failed a single examination.

In ten years I see myself as the specialist, the guy everyone asks about my area when there is a problem. I enjoy investigating abstract construction 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.