



Andreas Hansson

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Aim

Desire to put my knowledge within mathematics and computer science to use for exciting projects. I take interest in a wide range of topics and am quick to engage in new tasks.

Work experience

Software Intern, ARM - June 2019 - August 2019

Did work in the GPU modelling team, implementing memory requests in a simulated GPU. Involved a lot of refactoring.

Software Engineer, Axis Communications - September 2018 - December 2018

Embedded systems programming, mainly using C but also Bash and jQuery. Focus on data collection from devices, and visualisation of the data in a custom graphical interface.

Teaching Assistant, dept of Computer Science, Lund University – November 2016 - February 2018

TA for weekly laborations in introductory Java course.

Election work and local chairman, Lunds Kommun

Miscellaneous work at local voting location during 2014 and 2018 national and regional elections, and 2014 and 2019 European elections. During the 2019 elections I was chairman of my local voting location.

Education and work experience

Engineering Mathematics, Lund University – 2015 - 2020 (ongoing)

Applied mathematics with big emphasis on software engineering. Combined BSc/MSc.

University of Auckland – 2018

Exchange studies in Auckland, New Zealand. Courses in multi-agent systems, OpenGL, databases, and Turing Machines.

SweSAT (Högskoleprovet) – autumn 2014

National aptitude test.

Score: **1.90 (99.6th percentile)**

Natural Sciences Program, Gymnasieskolan Spyken – 2012-2015

21.2 GPA (14 A, 8 B, 2 C).

Mathematics and computer skills

Taken courses in **probability theory, analytic functions, C-programming, databases, computer graphics, distributed algorithms, language evaluation, and micro economy** to name a few.

Experienced in C as well as object-oriented programming, mainly in **Java**. Familiar with **Linux/POSIX**-environments, as well as **Git** for version control.

Some experience with **MATLAB, C++, Python, HTML/JS/CSS/jQuery**.

<http://github.com/andreas9000> Examples of miscellaneous little projects.

Languages

Swedish - native language

English - full professional proficiency (C2)

German - intermediate proficiency