

Ari von Nordenskjöld

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Basic Info

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414 71 Göteborg

Education

- | | |
|-----------|---|
| 2018-2020 | MSc. in Computer Science - Algorithms, Languages and Logic
<i>Chalmers University of Technology, Gothenburg</i>
Transcript from March 19, 2019 available at https://vnord.net/transcript.pdf  |
| 2015-2018 | BSc. in Computer Engineering
<i>Chalmers University of Technology, Gothenburg</i>
<i>Thesis title:</i> Port Call Synchronization <i>Thesis company:</i> RISE Viktoria AB, Gothenburg
<i>Thesis subject:</i> Automating and optimising the generation of recommended times of arrival for ships coming in to ports by using data analysis and machine learning
<i>Thesis available at</i> https://publications.lib.chalmers.se/records/fulltext/256128/256128.pdf  |
| 2014 | Foundation Year
<i>Chalmers University of Technology, Gothenburg</i>
<i>Subjects:</i> Calculus, Physics, and Chemistry |

Experience

- | | |
|-------------|---|
| SUMMER 2018 | Back-end Developer
<i>Rise Viktoria AB, Gothenburg</i>
Developed various back-end features for the PortCDM information sharing platform, including an extensive notification system. <i>Skills:</i> Java EE, WildFly Application Server, Linux |
| 2017-2018 | Project Manager for initiative to help specially talented children
<i>The non-profit association Intize, Gothenburg</i>
Recruited mentors as well as specially talented children, and coordinated mentor groups |
| FALL 2016 | Supplemental Instruction Leader
<i>Chalmers University of Technology, Gothenburg</i>
Coached groups of students taking a course in Discrete Mathematics |
| FALL 2016 | Mentor for Individual Student
<i>Chalmers University of Technology, Gothenburg</i>
Supported and helped a student with special needs manage their studies |

Volunteering

- | | |
|-------------|---|
| 2017 - 2018 | Mentor for Specially Talented Children
<i>The non-profit association Intize, Gothenburg</i>
Made maths more fun and challenging for a group of three specially talented kids |
| 2016 - 2017 | Mentor for High School Students
<i>The non-profit association Intize, Gothenburg</i>
Helped a group of five high school students with their math homework for two hours every week |
| SUMMER 2015 | WWOOF Volunteer
<i>Alpes-Maritimes, France</i>
Helped out at an organic farm, milked cows, and made cheese |

Tools I Use

Workflow

I only use GNU/Linux-based operating systems such as **Arch Linux** or **Gentoo Linux** on my personal systems, though I am also comfortable with other operating systems such as MacOS and Windows. I usually use a tiling window manager (**i3-gaps**), and program and edit files with **Neovim**. I compile most of my documents using **Pandoc**, but sometimes I use a more standard \LaTeX setup with **Biber** for references.

Programming Languages

I am not exceedingly skilled when it comes to using any specific programming language (except perhaps Haskell), but rather try to use the right language for whatever I am trying to accomplish, and am very happy to learn new languages and paradigms. I really like to use functional principles regardless of what language I am working in. The languages that I have the most experience with are **Haskell**, **C**, and **Java**. I have also tinkered with **Erlang**, **Agda**, **Idris**, **Scala**, **C++**, **Python**, **Rust**, **LISP**, **JavaScript**, **PureScript**, and some assembly languages. I am confident in using and designing relational databases using database management systems such as **PostgreSQL** and **MySQL**. During my studies I have also used **VHDL**, **MatLab**, and **R**.

Languages

ENGLISH		Fluent in writing and speech at an academic level
SWEDISH		Native speaker
FRENCH		Capable of communicating at an intermediate level, approximately B2 in the CEFR
GERMAN		Capable of communicating at an intermediate level, approximately B2 in the CEFR

Hobbies

I read a lot - everything from classics and science fiction, to history, economics, sociology, and poetry. I try to read as much as I can in the language that it was originally written, and I am working on learning Latin. I've played the violin since I was very young, and when I get more time I will take up olympic fencing again.

References

Letters of recommendation from Chalmers University of Technology as well as Intize are available upon request. If you are looking for someone to vouch for my personal and/or professional character, that can also be arranged. Just send me an email.