Ari von Nordenskjöld

Software Engineer

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📍 **Zürich**

EXPERIENCE

Software Engineer
NOUMENA Digital AG

📅 02/2021 - Present 📍 Baar, Switzerland

Developed a protocol-oriented programming language and platform

- Introduced a source provisioning API
- Developed a GraphQL read model
- Designed and implemented language features
- Created an interactive Academy plugin for IntelliJ
- Completely overhauled documentation systems
- Improved workflow and test organization, leading to >70% faster CI
- Interviewed engineering candidates and onboarded new team members

Summer Internship
Volvo Cars

📅 06/2019 - 08/2019 📍 Gothenburg, Sweden

Helped improve the Virtual Car testing & verification framework

- Integrated additional hardware units for simulation

Backend Developer
RISE

📅 06/2018 - 08/2018 📍 Gothenburg, Sweden

Improved the PortCDM maritime information sharing platform

- Developed a configurable event notification system

Project Manager
Intize

📅 06/2017 - 06/2018 📍 Gothenburg, Sweden

Organized a mentorship program for specially talented children

Supplemental Instruction Leader
Chalmers University of Technology

📅 08/2016 - 10/2016 📍 Gothenburg, Sweden

Coached groups of students taking a course in Discrete Mathematics

Student Coach
Chalmers University of Technology

📅 09/2016 - 10/2016 📍 Gothenburg, Sweden

Supported and helped a student with special needs manage their studies

VOLUNTEERING

Mentor
Intize

📅 09/2016 - 06/2018

Made maths more enjoyable for high school students and specially talented kids

Farm Volunteer
WWOOF

📅 06/2015 - 07/2015 📍 Alpes-Maritime

- Milked cows
- Made cheese

EDUCATION

M.Sc. in Computer Science
Chalmers University of Technology

📅 09/2018 - 06/2020 📍 Gothenburg, Sweden

- Thesis: Ray Tracing for Sensor Simulation using Parallel Functional Programming

B.Sc. in Computer Engineering
Chalmers University of Technology

📅 09/2015 - 06/2018 📍 Gothenburg, Sweden

- Thesis: Port Call Synchronization

LANGUAGES

Swedish — Native

English — Academic

German — Advanced

French — Intermediate

SKILLS

- Technical Writing
- Coaching and Education
- Functional Programming
- Language Design

Programming languages

Kotlin | Haskell | Go | Python | C

Tools

Docker | Linux | Shell | SQL | CI/CD

FIND ME ONLINE

GitHub
github.com/vnord

LinkedIn
linkedin.com/in/vnord