

ARI VON NORDENSKJÖLD

Software Engineer

☎ +41 77 997 5946 @ ari@vnord.net 🌐 https://vnord.net 📍 Zürich



SKILLS

Functional Programming

Language Design

IoT

Coaching and Education

Technical Writing

Programming languages

Kotlin

Haskell

Go

Python

C

Agda

Assembly

Tools

Docker

Linux

Shell

CI/CD

Git

SQL

ChatGPT

Vim

LANGUAGES

Swedish Native

English Academic

German Advanced

French Intermediate

PERSONAL



Married



Father

INTERESTS



Literature



Speciality coffee



Hiking

EXPERIENCE

Software Engineer

[NOUMENA Digital AG](#)

📅 02/2021 - Present 📍 Baar, Switzerland

- Introduced new language features, from design to implementation and tooling support
- Conceived and built an AMQP notification system to enable scalable work queues
- Designed and implemented a source provisioning API, enabling simpler app deployments
- Developed a GraphQL read model, enabling flexible data queries
- Fundamentally overhauled and took ownership of documentation systems
- Created an interactive Academy plugin for IntelliJ
- Interviewed engineering candidates and onboarded new team members

Software Lead (part-time)

[CABANNER](#)

📅 02/2023 - Present 📍 Remote

- Designed and developed system for synchronous video playback and control of a Raspberry Pi Zero cluster over WiFi with MQTT
- Developed an Android app for controlling the cluster

Software Engineer (internship)

[Volvo Cars](#)

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

- Integrated additional hardware units for simulation with the Virtual Car testing & verification framework

Backend Developer

[RISE](#)

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

- Developed a configurable event notification system for the PortCDM maritime information sharing platform

Project Manager

[Intize](#)

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

- Organized a mentorship program for specially talented children

Student Coach

[Chalmers University of Technology](#)

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

- Led Supplemental Instruction sessions for a course in discrete maths
- Supported and helped a student with special needs manage their studies

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](#)

VOLUNTEERING

Mentor

[Intize](#)

📅 09/2016 - 06/2018 📍 Gothenburg, Sweden

- Coached a group of high school students in maths
- Did fun math-related stuff with a group of specially talented kids