

# ARI VON NORDENSKJÖLD

Software Engineer

+41 77 997 5946 @ari@vnord.net 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

SQL

CI/CD

Vim

ChatGPT

## 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
- Designed and implemented a source provisioning API, enabling simpler app deployments
- Developed a GraphQL read model, enabling flexible data queries
- Improved workflow and test organization, leading to >70% faster CI
- Overhauled 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
- Implemented zeroconf service discovery, time synchronization, playback APIs, and deployment tooling
- 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 math
- 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