

# ARI VON NORDENSKJÖLD

## Software Engineer

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### SKILLS

Technical design and architecture

Language design

TDD

OOP

Functional Programming

Coaching

Interviewing

Onboarding

Technical writing and documentation

### Programming languages

Kotlin

Java

Haskell

Go

Python

C

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
- Responsible for developer outreach and advocacy initiative
- 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
- 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