

# Dr. Chris Schindlbeck

## Curriculum Vitae



## EXPERIENCE

OCT 2024 – TODAY

LYNQTECH GmbH

### DevOps Engineer

Analyzing, planning, and developing cloud infrastructures, and enhancing self-service architectures

Fulfilling non-functional requirements to ensure platform stability, security, reliability, and performance

AUG 2020 – SEP 2024

IAV GmbH

### Software/DevOps Engineer

DevOps (CI/CD), Cloud (AWS) Development and SW Test-Management for Windturbines

MLOps: Deploy Machine Learning (Reinforcement Learning) to Kubeflow via Kubernetes

DevOps (CI/CD), SW Integration Management, and ROS/ROS2 Development for a Harvesting Robot

C/C++ for Embedded Systems (Guidance, Navigation and Control for Unmanned Aerial Vehicles)

JUN – JUL 2020

EXIN

### Training as Scrum Master / Product Owner

EXIN Certification in Scrum (Product Owner, Scrum Master)

MAR – MAY 2020

Freelance

### Software Developer for Computer Vision

Freelance Computer Vision (Python, OpenCV) Tasks for Autonomous Driving (Navigation, Object Detection)

OCT 2013 – DEC 2019

Leibniz Universität Hannover

### Research Assistant - Robotics & Optics

Software Development for Image-based Sensor Fusion and Robotic Force Control

Lecturer "Optical Metrology" (english)

Supervisor "Robust Control" and "Control Theory 1 & 2" (german)

IT-Representative und Serveradministrator

NOV 2012 – SEP 2013

Kastanienbaum GmbH (now Franka Robotics)

### Software Developer for Robotics

Software Development for Modeling, Identification and Control of Low-cost Lightweight Robots

## SKILLS

### Programming & Scripting Languages

Python, bash, HCL, YAML, XML, JSON, Lua, Powershell, C/C++, Matlab / Simulink / Stateflow, Rust

### DevOps & Cloud Technologies

git, Docker/Docker Compose, Ansible, Kubernetes, Terraform, AWS, GitLab, GitLab CI, GitHub, GitHub Actions, Azure DevOps

### Software Development

Linux (Ubuntu, Arch, Debian, Fedora, Kali), Robot Operating System (ROS, ROS2), Agile Development (Scrum, Kanban), Free and Open Source Software, Object-oriented Design

### Soft Skills

Goal-oriented, Independent, Persistent, Responsible, Reliable, Structured

## CERTIFICATIONS

2024 **Terraform Associate (003)**

HashiCorp

2022 **Certified Professional for Software Architecture (CPSA-F)**

iSAQB

2020 **Agile Scrum Master / Product Owner**

EXIN

2014 **Machine Learning**

Coursera

## EDUCATION

2019 **PhD Robotics**

(DR.-ING.) GRADE: SUMMA CUM LAUDE (EXCELLENT)

Leibniz Universität Hannover

2012 **Diploma Mathematics**

(DIPL.-TECH. MATH. UNIV.) GRADE: VERY GOOD (1.4)

Technische Universität München

## LANGUAGES

GERMAN C3

ENGLISH C2

SPANISH B1