david@konst.fish
konst.fish
konstfish
konstfish

# David Fischer

*DevOps Engineer*

## Education

**BSc (Hons) Computing**, *University of Central Lancashire*, *First Class Honours*. **2022–2023**
Modules taken:
- Cloud Computing
- Data Science
- Computational Thinking
- System Requirements & Modeling

**Matura**, *Higher Technical Institute Wiener Neustadt*, *2.0 Avg Grade*. **2016–2021**
Subject area of Information Technology. Graduated in Networking & Database Design

## Experience

### *Vocational*

**DevOps Engineer**, *ITSDONE Group*, Vienna, AT. **Jun–Aug 2022**
Developed a dynamic and scalable monitoring solution by implementing Prometheus/Thanos/Loki/Grafana using Kubernetes/Helm/Terraform/Ansible to centralize monitoring of customer equipment

**DevOps Engineer**, *ITSDONE Group*, Vienna, AT. **Jul–Nov 2021**
Implemented network monitoring and capacity planning

**Junior DevOps Engineer**, *ITSDONE Group*, Vienna, AT. **Jul–Aug 2020**
Implemented automated configuration backups across all customer network equipment

**Network Intern**, *ITSDONE Group*, Vienna, AT. **Jul 2018 & 2019**

### *Miscellaneous*

**Gefreiter**, *Austrian Armed Forces*, Eisenstadt. **Nov–Apr 2022**
Mandatory Military Service

### *Volunteering*

**Team Lead**, *robo4you*, Wiener Neustadt. **2018–2019**
Managed my team in part of the HTL Wiener Neustadt robotics program, leading us to three titles in educational robotics

## Languages

**English**: Full professional proficiency

**German**: Native proficiency

## Skills

**Languages**: Python, NodeJS, JavaScript, Swift

**Tools**: Docker, Ansible, Terraform, Kubernetes, Helm, git, CI/CD, GitLab, GitHub, ObsidianMD

**Data Analysis**: NumPy, Pandas, Matplotlib, Grafana, Prometheus, Loki

**Cloud Computing**: Oracle Cloud, Microsoft Azure, Home Lab

## Publications & Projects

**Bonsai**, *University of Central Lancashire*. **2022–2023**

The development of Bonsai was aimed at creating a complete monitoring system that can collect metrics from any source and get them to a dashboard as quickly as possible.
See Publication

**Decentralized Autonomous Traffic System**, *HTL Wiener Neustadt*. **2020–2021**

Creation of a functioning decentralized system and autonomous vehicles to test the viability of such a system in diverse real-world traffic scenarios.
See Publication

**Grabber Designs and Software Solutions for the KIPR Wallaby**, *HTL Wiener Neustadt*. **2019**

Research Paper submitted in part of the European Conference on Educational Robotics 2019 in Vienna
See Publication

## Honours & Awards

**The School Award for Academic Excellence for the Best Overall Performance**, *University of Central Lancashire*. **Jul 2023**
See Award

**The School Award for Best Project**, *University of Central Lancashire*. **Jul 2023**
See Award

**First Place Overall**, *ECER 2018*. **Apr 2018**

Achieved first place in Seeding, Double Elimination & Overall at the European Conference on Educational Robotics 2018 in Malta
See Award

**First Place Seeding**, *ECER 2018*. **Apr 2018**

**First Place Double Elimination**, *ECER 2018*. **Apr 2018**