

# Vincent Halász

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## Working Experience

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### Fireflow Accelerating Technology Ventures GmbH

Munich, Germany

SENIOR iOS APP DEVELOPER

May 2021 - May 2023

- Development of the Meiller MiDrive iOS App (Swift, SwiftUI, UIKit, SPM, CocoaPods, Xcode, BLE communication)
- Requirements elicitation, system specification and design of new features (figma)
- Project management (Phabricator, Slack)
- CI (Jenkins, Buildkite, fastlane, Firebase, App Store Connect)
- testing (XCTest)
- RESTful API specification (OpenAPI, Postman, Swagger)

### Scalable Capital GmbH

Munich, Germany

INTERNSHIP CS AND SALES

June 2020 - July 2020

- Customer support in the areas order execution and portfolio management (salesforce)

### Fondsconsult AG

Munich, Germany

MACHINE LEARNING ENGINEER

May 2019 - May 2020

- Research and implementation of algorithms for predicting investment fund performance (Python, Tensorflow, Keras, SciPy, jupyter, Morningstar Direct)
- Assistance on the publications “Robo-Advisor-Studie” and “VV-Studie” (MS Office, Morningstar Direct)

### Getnow New GmbH

Munich, Germany

DATA ANALYTICS AND MANAGEMENT

Jun. 2018 - Oct. 2018

- Develop automated data analysis tools for the product and services department (Python, SciPy, Keras, Tensorflow)
- Database maintenance (MySQL)

## Education

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### TUM (Technical University Munich)

Munich, Germany

BACHELOR IN INFORMATION SYSTEMS

Apr. 2020 - Sept. 2023

- Thesis on the use of blockchain for handling personally identifiable information (Eosio, Quorum, Go, Node, TypeScript, Angular, Vapor, MySQL, MongoDB, Docker)
- iOS internship - Bosch (Swift, SwiftUI, UIKit, CocoaPods, Xcode, OAuth, Postman, BLE Communication, Jira, Confluence)

### TUM (Technical University Munich)

Munich, Germany

BACHELOR IN TECHNOLOGY AND MANAGEMENT

Oct. 2017 - Mar. 2020

## LSH-Ising

GENERAL QUALIFICATION FOR UNIVERSITY ENTRANCE

- Theater group, Big Band, Rowing club

Chieming, Germany

Aug. 2013 - Jul. 2015

## Projects

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### Dimmi! Chat

FULLY ANONYMOUS SELF-HOSTED CHAT

Apr. 2023 - present

- Self-hosted chat allowing for fully anonymous communication
- PWA with easily deployable back-end (Angular, Docker, Go)

### Prisma Identity

CREATION AND SHARING OF VERIFIABLE CREDENTIALS

Sept. 2022 - Mar. 2023

- Platform for easily creating and sharing verifiable credentials
- Development of a Flutter-based mobile application (Flutter, Dart, Node, MongoDB)

### Noisy One

HYBRID SINGLE-DRIVE MOTORCYCLE

Sept. 2022 - present

- Transformation of an old Kawasaki into a direct-drive hybrid motorcycle
- Conversion of analog engine control to self-programmed micro-controllers (Arduino, C++)
- Development of iOS mobile application for vehicle control and infotainment (Swift, SwiftUI, BLE communication)

### Street Treasures

ANONYMOUS PLATFORM FOR POSTING GIVEAWAY GOODS

Aug. 2022 - present

- Platform for posting descriptions and locations of giveaway goods placed on the street
- SwiftUI mobile app, Service-oriented architecture, AI-based content moderation (SwiftUI, Go, PostgreSQL, Google AI)

## Skills

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**Programming Languages** Swift, Go, Python, Dart, TypeScript, JavaScript

**Mobile Frameworks** SwiftUI, UIKit, Flutter

**Backend Frameworks** Vapor, Node

**Storage Frameworks** MongoDB, SQLite, MySQL, Realm Swift, PostgreSQL

**Blockchain** Quorum, Eosio

**Web Frameworks** Angular

**Machine Learning Frameworks** Tensorflow, Keras, SciPy, jupyter

**Project Management** Phabricator, Jira, Confluence

**Devops** Bitbucket, Github, Firebase, Azure, fastlane, Docker

**Languages** German: C2, English: C2, Portuguese: B2, Spanish: B1, Italian: B1

## Interests

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**Sports** Kitesurf, Sailing, Swimming, Tennis, Cycling, Free climbing, Muay Thai, Parkour, Archery

**Arts** Theater, Opera, Piano, Saxophone, Singing

**Topics** Distributed systems, Software architecture, Privacy-enhancing software, Social psychology, Automated finance