

Vincent Halász

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Working Experience

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 Research 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)
- Web scraping and data analysis tasks for the marketing department (Python)
- Database maintenance (MySQL)

Education

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

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

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

Mobile Frameworks SwifUI, 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

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