Nikolai Madlener

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EDUCATION

Technical University of Munich	Oct. 2017 – April 2021
Bachelor of Science in Informatics (Computer Science)	*Munich, Germany*
Higher Technical Education Institute Rankweil	Sept. 2011 – June 2016
At the Department for Construction with specialization on Heating & Cooling	*Rankweil, Austria*

- Passed with Distincion

Sport-Middle School Satteins	Sept. 2007 – July 2011
	Satteins, Austria
Primary School Satteins	Sept. 2003 – July 2007
	Satteins, Austria

WORK EXPERIENCE & INTERNSHIPS

Software-Engineer (Part-time)	May 2017 – present
ALEAS AG	*Ruggel, Liechtenstein*

- Full-stack development of web applications with ASP.NET & Microsoft SQL Server
- Realized projects inter alia ALEAS Portal (portal.aleas.li), Software License Manager

Logistics Software System Configuration (Internship)	March 2021 – April 2021
Tesla	*Grünheide, Germany*

- Material flow Software System Configuration for the Tesla Giga Factory in Grünheide

iOS-Developer (Internship)	Oct. 2019 – Feb. 2020
TUM/Carl Zeiss Meditec AG	*Munich, Germany*

- Development of a native iOS-App in an agilen team
- Part of the Bachelor Intership (iPraktikum/Chair for Applied Software Engineering)

Internship	July 2016 – Aug. 2016
HPA AG	*St. Margrethen, Switzerland*
Internship	July 2015 – Aug. 2015
Innotech TGA GmbH	*Altach, Austria*

PROJECTS & EXPERTISE

encore.	*Swift, SwiftUI, Spotify API, REST, Git*	May 2020 – present

- Development of an native iOS-App with SwiftUI for shared real-time music queues
- Spotify integration implemented with Spotify API
- Connection to existing Server with REST API
- Published in the App Store

Swift Tutor	April 2020

- Introduced students to iOS-development as a tutor at the iPraktikum Bootcamp
- Teached content inter alia Swift, SwiftUI, UIKit, Server-Side Swift, UML

CIVILIAN SERVICE

Civilian Service as Paramedic	Sept. 2016 – May 2017
Austrian Red Cross	*Feldkirch, Austria*

SKILLS & INTERESTS

Languages: German (native), English (B2)
Programming languages: Swift, C#, Java, Python, SQL, HTML/CSS
Frameworks: SwiftUI, ASP.NET, Vue.js
Interests: Running, Hiking, Skiing, Software Engineering, Machine Learning, iOS