

# Benjamin Herzog

SOFTWARE ENGINEER

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## Experience

### Apple Inc.

SOFTWARE ENGINEER - NOTES

Berlin, Germany & Cupertino, CA, USA

Jul. 2022 - Present

- Contributing to the Notes app project for iOS and macOS

### Apple Inc.

SOFTWARE ENGINEER - DEVELOPER TOOLS

Berlin, Germany & Cupertino, CA, USA

Apr. 2019 - Jun. 2022

- Draft, implementation and integration of the Xcode build timeline
- Led effort to increase build performance by optimizing scalability with hardware
- Recorded WWDC session about build performance
- Participated in cross team effort to better integrate Swift in Xcode
- General bug prioritization, feature design, bugfixes, performance optimizations

### Apple Inc.

SOFTWARE ENGINEER INTERN

Cupertino, CA, USA

Sep. 2018 - Sep. 2018

- Worked on an independent project related to the Xcode build system and the Swift compiler
- Learned much about maintaining APIs, working in large, complex projects, communicating with a wide pool of different experts
- Gave multiple talks to the upper management and staffed in different labs during WWDC

### LOVOO GmbH

IOS ENGINEER (1 year full-time, 2 years working student)

Dresden, Germany

Mar. 2015 - Mar. 2018

- Developed in cross functional, product focused teams to create new features, fix bugs, refactor the codebase, setting up and working with CI systems and deployment via release trains
- Worked in different agile environments over the years in Scrum- and Kanban-teams
- Worked with different architectures and patterns like MVC, MVVM, Routing and extensions
- Gained first experiences with React Native by integrating it for special screens
- Introduced Swift to the legacy codebase to create a modern architecture

## Education

### University of Applied Sciences Dresden

B.S. AND M.S. IN COMPUTER SCIENCE

Dresden, Germany

Sep. 2012 - July 2019

- Specialized in algorithms, programming paradigms, sensor technology and robotics
- Participated in a research seminar about the internet of things and managed a project to build a prototype of a sensor mesh network
- Graduated with a final grade of 1.6

## Extracurricular Activity

### Hallo Swift

PODCAST CO-HOST

Germany

Apr. 2017 - Mar. 2019

- Hallo Swift is a German Apple related podcast about software development
- Launched the show together with two friends, producing episodes every other week for 300 subscribers

### Udemy

INSTRUCTOR

Germany

Dec. 2014 - May 2015

- Created comprehensive tutorial videos about iOS and Swift
- 647 participants for 10,5 hours of video playback

### SwiftDE Youtube Channel

FOUNDER AND PRODUCER

Germany

Jun. 2014 - May 2015

- First and biggest German youtube channel with free tutorial videos for Swift
- Over 3000 subscribers