



# Yonatan Mamo

IOS Developer

## 👤 Profile

Passionate about Computer graphics and App development.

## ★ Projects

### Chat for Spotify

September 2022 — November 2022

Developed and published a chat app that connects users based on music taste.

- [App Store link](#)

### OpenRT

Developed and contributed the following features to an open source render engine (OpenRT):

- [Adaptive Sampler](#)
- [Depth of field](#)

## 📁 Employment History

### iOS Developer at Docsy GmbH, Munich

June 2021 — August 2022

- Developed and reworked most of the app's (macOS) user interface using SwiftUI.
- Added various features to the app such as persistent file access using security scoped bookmarks and in-app spotlight search.
- Improved the Core Data graph.

### Software Engineer at FARO Europe GmbH, Stuttgart

December 2020 — June 2021

- Continued working on projects I started during my internship

### Software Engineer Intern - R&D at FARO Europe GmbH, Stuttgart

June 2020 — November 2020

- Gained experience in Atlassian tools like Jira and Confluence.
- Worked on image processing and metrology algorithms: optimized 3D surface determination algorithm for an industrial Computer Tomography system that generates point clouds from reconstructed CT data.

### Teaching Assistant - Computer Graphics at Jacobs University Bremen, Bremen

September 2020 — December 2020

- Leveraged knowledge in ray tracing by assisting students in implementing a ray tracing renderer and reviewing their codes.

## Details

Munich

Germany

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## Links

[Instagram](#)

[Website](#)

[GitHub](#)

## Skills

Swift

SwiftUI

Firebase

Python

C++

C

Blender 3D

Houdini

TouchDesigner

## Hobbies

3D art, Procedural animation,  
Music

## **Teaching Assistant - Programming in C and C++ at Jacobs University Bremen, Bremen**

September 2019 — December 2019

- Graded assignments, gave tutorials and assisted students during lab sessions.

## **Education**

### **Computer Science B.Sc., Jacobs University Bremen, Bremen**

September 2018 — June 2021