



Miles Au

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🏠 Brückenstraße 13, 40221,
Düsseldorf, Deutschland

Profile

🇨🇦 iOS Engineer born and raised in Toronto, Canada.

📱 Has independently released apps to the App Store.

🧑‍🚀 Excited about Augmented Reality

Portfolio

YouTube Video Playlist:

<https://www.youtube.com/playlist?list=PLUQm-VQnY5s3NSJ9f-bZ7EEKgkBDZSwEZO>

Website:

www.milesau.com

Skills

- Swift
- ARKit
- Xcode
- Blender
- Flutter
- Firebase

Education

Bachelor of Business Administration
Class of 2016

Wilfrid Laurier University
Waterloo, Ontario, Canada

Work Experience

iOS Engineer Trivago NV: 2020-present

Redux Swift

- Recognized and fulfilled an opportunity to reduce the estimated complexity of an animated UI component by 2/3
- Independently identified 200+ redundant items in the asset library by writing a Swift script
- Enforced app-wide adjustments related to 100+ components utilizing our custom Redux architecture
- Moderator of weekly team meetings - led discussions, prioritized agenda items, assigned action points

Flutter Developer Leg8cy: 2020

Flutter

- Sole designer and developer of prototype mobile app
- Implemented features commonly found in social media apps such as authorization, media creation, and a media timeline

Side Projects

Roomspace

ARKit Blender Firebase Swift

- Independently created an iOS app prototype that enables realtors to quickly stage their rooms virtually using AR
- Designed multiple "rooms" of 3D modelled furniture using Blender to be remotely import as .scnz files into the app

SellAR / Clothing Ruler

ARCore ARKit Dart Firebase Flutter

- Independently released a mobile app on iOS and Android that enables online clothing merchants to record the characteristics of their items
- Featured an AR ruler for recording measurements

ARKit Flutter

ARKit Flutter Swift

- Contributor to the open source ARKit Flutter Plugin
- Added features:
 - Ability to perform hit tests
 - Receive updates to camera tracking state
 - Ability to load a model from outside the main bundle

ARLines Swift Package

ARKit Swift

- Created an open source Swift package that offers a shortcut to drawing various types of lines using ARKit
- Includes an example app with instructions in the .readme file

Live Price Converter

AVFoundation Swift

- Released app on iOS that converts currencies on price tags and receipts in real time using Apple Vision's text recognition