

Bilal Reffas

SOFTWARE ENGINEER

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“A computer would deserve to be called intelligent if it could deceive a human into believing that it was human. – Alan Turing.”

Education

Technical University of Applied Sciences Gießen

Gießen, Germany

B.S. IN SOCIAL MEDIA SYSTEMS WITH A FOCUS ON COMPUTER SCIENCE

Apr. 2017 – Present

- Gathering knowledge about computer architecture, computer vision, algorithms, compilers, network, protocols, neural networks, human computer interaction, user centered design, philosophy and management.

Experience

Technical University of Applied Sciences Gießen

Gießen, Germany

STUDENT ASSISTANT

Apr. 2018 - Present

- Conducting bachelor course, presenting lectures in web programming, tutoring students.
- Participating in the Institute for Information Sciences.

Deutsche Telekom AG

Darmstadt, Germany

MACHINE LEARNING INTERN AND SOFTWARE ENGINEERING APPRENTICESHIP

Sep. 2014 - Present

- Work related to the daily business including usage of the following technologies.
- Swift, Objective-C, OpenCV, Keras, Theano, Tensorflow, Numpy, Pandas, Matplotlib, SciKit-Learn.
- Created a http classification model and more projects using computer vision.
- Maintained the online manager iOS app and created features like the apple watch extension.

Projects

Open Source EmojIntelligence

Germany

EMOJIINTELLIGENCE SWIFT PLAYGROUNDS 1200 STARS ON GITHUB.

Apr 2017

- EmojIntelligence is an implementation of a neural network using Swift Playgrounds.
- After the training phase it is able to predict the emoji from drawn sketches.

Luubra platform

Germany

PLATFORM TO ANONYMOUSLY EVALUATE THINGS

Nov. 2016

- Social network to collect feedback to every day things from friends.
- Her or his friends can then forward their feedback completely anonymously.

Developing DataVolume

Germany

DATAVOLUME IOS APP HAS MORE THAN 25.000 DOWNLOADS

Apr 2015

- iOS app to count the used data volume and warns the user when a given amount is reached.
- Today Widget extension and the Apple Watch extension.

Honors & Awards

2015/17 **WWDC Scholarship Apple Inc.**, Selected several times as a WWDC scholar

San Francisco, USA

2015-18 **Won several Hackathons**, AI Hackathons etc

Germany

2017 **Selected Digital Native**, Advising to the Chairman of the Management Board of Deutsche Telekom AG

Bonn, Germany

Extracurricular Activity

2018 **School-of-AI-Gießen**, Organizing machine learning meetups

Gießen, Germany

2018 **Youtube Videos to learn Typescript**, Tutorials to teach typescript

World

2017 **Presentations AI Meetupt**, Neual Networks, Deep Learning, Natural language processing and CoreML

Frankfurt, Germany

2017 **Admin Open Swift Community**, Biggest German speaking community about Apple related topics.

Germany

2014 **Teaching programming**, Helped colleagues to learn programming

Hessen, Germany