



Philipp Ramjoué

AI & IOT DEVELOPER

Details

Wiedehopfstr. 40,
Schwabmünchen,
86830, Germany
+49 15125866373
philipp@ramjoue.ai

Links

[Website](#)
[Github](#)
[Linkedin](#)

Skills

Deep Learning
Machine Learning
TinyAI
Computer Vision
Python
Tensorflow/Keras
PyTorch
scikit-learn
MS Azure Machine Learning
C++

Languages

German
English
Swahili

Profile

I'm a passionate AI developer with a special interest in Deep Learning and Computer Vision. I like to solve real-world problems with cutting-edge technologies and I believe the key is the empowerment of the users.

Employment History

IoT & AI Developer at KESSEL AG, Ingolstadt

SEPTEMBER 2018 – DECEMBER 2022

- Developed TinyAI (running inference model on the hardware) and Deep Learning algorithms for sensor analysis and robust measurement to increase reliability, performance and to stand out from the competition
- Developed different SW & HW IoT prototypes for LoRaWAN communication for the next generation of intelligent-connected products

Test & Software Developer at KUKA Roboter GmbH, Augsburg

JULY 2015 - APRIL 2017 FERCHAU AT KUKA, APRIL 2017 - AUGUST 2018 KUKA

- Developed automated tests and software in a real time domain with C++ to deliver well tested and high-quality software
- Set up, maintained and extended the Team SW/HW-test infrastructure for automated test coverage and its integration into the KUKA-SW release process

Projects

Autonomous drone with on-board AI for nature-/wildlife conservation, www.raingers.ai

MAY 2021 - PRESENT

- Developed an innovative drone with thermal camera and on-board TinyAI with real time object detection and location
- Use cases: pest detection, poaching prevention, damage detection PV modules et. al.

Malaria Cell Detection, https://github.com/PhilippRamjoue/Malaria_Cell_Detection

FEBRUARY 2021

- Developed a DL model for prediction if a cell image is malaria parasitized or uninfected
- Trained a Convolutional Neural Network (CNN) with an achieved recall of 95%

Leukemia Survival Prediction, https://github.com/PhilippRamjoue/Survival_Prediction_Leukemia

DECEMBER 2020

- Developed a deep learning project for survival status prediction of bone marrow transplant patients and investigated which features affect the output the most
- Trained and deployed an AutoML prediction model in MS Azure Machine Learning with a true-negative accuracy of 90%

Certifications

Flying Cars and Autonomous Flight Engineer Nanodegree, Udacity, October 2021

Computer Vision Nanodegree, Udacity, May 2021

Machine Learning Engineer w Microsoft Azure Nanodegree, Udacity, December 2020

Intel Edge AI for IoT Developer Nanodegree, Udacity, September 2020

Machine Learning Engineer Nanodegree, Udacity, October 2019

Deep Learning Nanodegree, Udacity, May 2018

Education

B.Eng. Mechatronics, University of Applied Sciences, Kempten (Allgäu)

OCTOBER 2011 – JULY 2015

Bachelor Thesis in Computer Vision: "Investigation of different line extractors and their parameter influence on line matching for pose estimation"