Oskar Martin Kieliger

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chusikowski.substack.com | oskarmk.github.io

Professional Experience

RPA Developer

Allianz Suisse, Zurich, Dec. 2019-Oct.2022

- Developed an optical character recognition (OCR) solution in Python through deep learning to recognise signatures on scanned documents for contract changes automation
- Developed a Shiny dashboard in R to track the productivity of the RPA solutions and the performance of the employees
- Implemented an SQL-based solution to manage customer service in a data-driven way pursuing efficiency optimization
- Developed and maintained various RPA projects in several areas of the company

Robotics Work Student

Allianz Partners, Zurich, Mar. 2019-Jul.2019

- Completed a case study to define potential for RPA implementation
- Developed an RPA-based solution to automate the green card process

Field Testing Student

Wingtra AG, Zurich, Sep. 2018-Mar.2019

- Tested the drone application, flight performance and post-flight processing

Education

MSc in Mechanical Engineering

Swiss Federal Institute of Technology in Zurich, Zurich, May 2020

- Major Focus in Robotics, Systems & Control
- Master Thesis: Development of a Robotic Hand and Wrist
- Semester Thesis: Motion Planner for Humanoid Robot

BSc in Mechanical Engineering

Swiss Federal Institute of Technology in Zurich, Zurich, May 2017

- Major Focus in Energy, Flows & Processes
- Bachelor Thesis: Drop Impact Dynamics on Multitier Textured Superhydrophobic Surfaces

Skills

- Programming Skills: Python, R, SQL, UiPath, VBA, PyTorch, MicroStrategy, Tableau
- IT Skills: Machine Learning, Deep Learning, Computer Vision, IT Architecture, RPA
- Out-of-the-box thinker, Goal-oriented problem solver, team player, communicator

Languages

- German: Mother Tongue, Spanish: Mother Tongue, English: Professional Proficiency

Interests

- AI Art, Golf, Chess, Real Madrid, Innovation