



Ying Li

Details

Baarerstrasse 52

Zug, 6300

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NATIONALITY

Chinese

DATE OF BIRTH

16.08.1989

Skills

Python

Java

C++

SQL

JavaScript

HTML & CSS

Tsensorflow/Keras

Pandas

Scikit-learn

Google Cloud

Git

Django

Docker

Amazon AWS

Languages

Chinese

English

German

Profile

- Skills in multiple programming languages, proficient in Python and Java. Hands-on experience in machine learning and software engineering.
- Swiss work permit holder (B permit).

Education

Master, Lucerne University of Applied Sciences and Arts

SEPTEMBER 2018 – AUGUST 2020

Field: Machine Learning

Advisor: Marc Pouly

Master, Zhejiang University of Technology, Zhejiang, China

SEPTEMBER 2011 – JUNE 2014

Field: Robot Motion and Control

Bachelor, Wenzhou Medical University, Wenzhou, China

SEPTEMBER 2007 – JUNE 2011

Major: Biomedical Engineering

Project Experiences

Chatroom based on gRPC in Java

NOVEMBER 2020 – DECEMBER 2020

- Support registration and chat records storage. Using MySQL to store user information and message recordings.
- The server was containerized using Docker and deployed on Amazon ECS using Fargate.

Medical Relation Extraction Based On BioBERT And KG Building

JANUARY 2020 – JUNE 2020

- Trained Named Entity Recognizer (NER) to detect medical entities in PDF.
- Trained the relation classifier to predict relation types for entity pairs.
- Extracted relations were stored and displayed in a KG.

Real Time Mood Image Search

JULY 2019 – NOVEMBER 2019

- Returned the most matched image from datasets composed of 1 million images according to the input text in German. This project contains a translation module, NER, Elasticsearch, Django, etc.

Hand Digits Classification

APRIL 2019 – JUNE 2019

- Made papers containing digits upright by using geometric transformation.
- Trained a binary classifier to tell whether digits are straight or rotated
- Passed straight digits into the digits classifier trained on MNIST.

Employment History

Project manager, China Mobile Telecommunications, Zhejiang Co., Ltd.

JULY 2014 – JANUARY 2017

- Took charge of projects such as data analysis platform based on mobile phone signals, and video surveillance system.

Business Intelligence Analyst (Intern) , AsialInfo Technologies (China)

JUNE 2013 – JANUARY 2014

- Designed new databases and used SQL to extract and analyze data.