



ETH Zürich | Gloriastraße 35 | 8092 Zürich

Mr. Runyao Yu  
Engadiner Str. 22  
81475 München

# Certificate

**Runyao Yu**

successfully conducted his research from 01.08.2021 to 01.01.2022  
as the

**Research Assistant**

in cooperation with TIK Lab at ETH Zürich

Mr. Runyao Yu focused on applying Artificial Intelligence (AI) to quantitatively analyze the user's behavior on the largest Chinese social platform. Mr. Runyao Yu is always full of enthusiasm and a strong sense of responsibility. Moreover, he is a great team player and was consistently able to accomplish assigned duties efficiently with high quality.

Mr. Runyao Yu acquired the following knowledge during the research:

- Data Collection, Labeling, and Validation in Python
- Data Augmentation utilizing Back-Translation combined with Baidu API
- Text Classification applying Logistic Regression, LSTM, and BERT in PyTorch
- Image Classification applying ResNet, EfficientNet, and Vision Transformer in PyTorch
- Algorithm Development for Quantitative Analysis of User's Behavior in Python

Zürich, 03.01.2022

**Ye Wang**  
Distributed Computing Group  
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