PERSONAL

Name	Jianchao Zhu	**Age**	24
College	East China Normal University	**Major**	Software Engineering
Phone	18217032800	**E-mail**	51174500068@stu.ecnu.edu.cn

EDUCATION

2017.9 ~ now	East China Normal University	School of Computer Science and Software Engineering	Software Engineering	~ 15%
2013.9 ~ 2017.7	East China Normal University	School of Computer Science and Software Engineering	Computer Science and Technology	~ 15%

Graduation Project : The Majorization Design and Realization of the Training Mechanism of Neural Networks

Research Direction : Machine Learning, Neural Network, Computer Vision

SKILLS

CET-4 : 586 **CET-6 :** 503 **GPA :** 3.38/4

Programming Ability : Python, Tensorflow, OpenCV

WORK EXPERIENCE

2019.6 – now China UnionPay (Electronic Payments Institute) Intern

Post： Algorithm Intern

Description：

1. **(CV)** Opencv and deep learning(YOLO) algorithms are used to identify bank card information, including whether the key information such as BIN number, UnionPay LOGO, chip is missing and whether the sizes meet the requirements, so as to realize the automatic review process of bank cards.
2. **(Data Mining)** Using Hive, Spark and other big data platforms to extract the industry standard behavior pattern, through the mining of UnionPay historical transaction data. Besides, a model is then established to identify the merchant whose category code is changed, helping business department to quickly identify violations.

2017.12 – 2018.12 Riseye Intelligent Technology (Shanghai R&D Center) Intern

Post: Algorithm Intern

Description: **(CV)**The development and research of various types of appearance defect detection algorithms and CV related algorithms. Be proficient in using Tensorflow to develop and debug AI algorithms (CNN, Faster-RCNN, SSD, YOLO, etc.), and OpenCV to develop traditional visual algorithms.

PROJECT EXPERIENCE

2019.3 ~ 2019.6 Mining strategy for customer return visits——（Data mining）

Description: Given a series of records of return visits registered by salesperson. It is necessary to analyze the data through machine learning methods (decision tree, neural network, etc.) to find out which of them are high-potential users and priority is required. Finally, a user list is output to salesperson as a reference to improve the efficiency of their work.

2017.9 ~ now General Deep Learning Platform (personal project) —— (Deep Learning)

Description: The back-end code of the deep-learning algorithm is so complicated that it is not conducive to the secondary development for beginners or other researchers. Therefore, I decided to package it and display it with a friendly UI to provide users with a quality experience. This is a general deep-learning platform which includes two major sections: image classification and object detection. Using C++ as front-end and Python as back-end.

Project details : https://reborn8888.github.io/ML_Platform.html

HONORS

2014.10	Outstanding student of East China Normal University
2015.10	Outstanding student of School of Information, East China Normal University
2017.4	Shanghai outstanding graduate