QING LIAN(连庆)

+86 18482072362 ◇ lianqinglalala@gmail.com

EDUCATION

University of Electronic Science and Technology of China 2015 - Present

B.S in Information and Software Engineering

Grade GPA 3.88/4.00, *Major GPA* 3.92/4.00, ranks 16/860

Core Course: Data Structure, Computer Architecture, Operating System, Database, Patern recognition, Software Engineering, Compiling technique,

EXPERIENCE

Education Big Data Institute Sep 2017 - Present

Undergraduate Research Assistant *Supervised by Prof. Lixin-Duan*

· Focusing on *Transfer Learning* field including *domain tranfer and zero shot learning*

· Developing robust algorithm for detecting diabetic retinopathy.

Sensetime Group Limted Feb 2018 - Present

Research Intern *Supervised by Jianping-Shi and Jia-Wang*

· Developing robust image segmentation algorithm for human parsing including solving the problem of multi-domain learning and balancing the computation-cost and model performance.

· Currently trying to find efficient architecture search algorithm to automatically design segmentation model by reinforcement learning and genetic algorithm.

Baidu Knowledge Graph Group Oct 2017 - Jan 2018

Machine Learing Intern

· Constructed foods related database and knowledge graph for question answering field.

PROJECTS

Neural Architecture Search Algorithm For Segmentation With Shared Parameters Mar 2018 - Present

Sensetime *Supervised by Jianping-shi and Jia-Wang*

· Constructing an agent controller to search neural network's architecture using reinforcement learning algorithm.

· Designing a shared parameters mechanism and block architecture to for neural model to save searching time and increase performance.

Open Academic Data Challenge 2017(9/398) July 2017 - Nov 2017

https://biendata.com/competition/scholar *Organized by Micorsoft and Tsinghua University*

· Developed algorithm to use search engine and related web data to automatically find scholar's personal homepage and extract a scholar's profile information.

· Using scholar's research history (publication) to predict scholar's research interests and their future influence (citation).

SKILLS

Programming Language	C/C++, Python, HTML/CSS
Machine Learning Framework	Pytorch, Tensorflow, Caffe, Numpy, sk-learn
Other Related Skills	Python Image Library, Linux, SQL, Latex