

Chaokun Chang

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Research Interest: System and Network

EDUCATION

Fudan University September 2016 – Present
Undergraduate overall GPA: 3.54/4.0
Department of Computer Science and Technology (elite class)

TECHNICAL STRENGTHS

Computer Language	C/C++/C#, Python
English ability	CET4 CET6
Other abilities	Hadoop, Spark, Pytorch, Django, Angular

EXPERIENCE

Summer intern in Azure Storage R&D team of Microsoft China

Intern experience (From 7/1/2019 to now)

- Developing a monitor system with high maintainability to tack Tenant's settings.
- Optimizing the build-out workflow and maintaining an internal Portal and service.

Sky Map Matching

Undergraduate Research (Team work, leader)

- Developing a system which can recognize the star in a picture taken with camera.
- Integrating and evaluating several star pattern recognition algorithms, which must have low space cost and time cost.

DASLab (Data Analysis and Security Laboratory)

Research Intern at Fudan University, supervised by Prof. Zhenying He

- Researching on index of Geo data.
- Finding an efficient method to retrieve points with two or more dimensions.

Scalable all-pairs similarity search in metric space on distributed system

Big Data Course

- Building rocks-cluster on 20 machines and configuring Hadoop and Spark.
- Reproducing a paper, "Scalable All-Pairs Similarity Search in Metric Spaces".

Hackathon Contests

- *HACKxFDU contest (Team work)*: Developing an application to help the blind recognize the environment base on Microsoft Cognitive Service and IBM Bluemix.
- *Hackathon 2019 of Microsoft (Team work)*: Developing an application to monitor the number and distribution of people in the canteen base on Yolo.

Machine learning project experiences

- Biadu MRC Contest (*Team work*): Implementing BiDaf and Bert to complete the job of Machine Reading Comprehension (Chinese language).
- FastNLP development (*Team work*): Developing MRC module for FastNLP, which is an open-source NLP tool set.
- Single-Image De-raindrop: Using GAN to remove the raindrop in single image.
- KDD-Cup 2014 Contest's job: Using CNN/RNN + GBM to distinguish the exciting donor project.

HONORS AND ACHIEVEMENTS

The Second Price of Country in Mathematical Contest in Modeling of China

National Endeavor Scholarship

“Fan Hai” Scholar (8000+/year, sponsored by OCEANWIDE HOLDINGS)

“Lu Chuang” Scholarship

The IBM's Innovation Award in HACKxFDU competition (second highest prize).

The excellent student and excellent league member of the evaluations in 2017

CAMPUS ACTIVITIES

Vice director of Students Union of Tengfei college from 2017/4 to 2019/3.

Vice president of Magic club from 2017/9 to 2019/10.

Holding the Celebration of Moon Festival of 2018.

Voluntary Physics teacher in Shanxi province in summer of 2017.

“Creation and Startups” study tour in summer of 2018.

Winter program of Waseda University in winter of 2018.