

Bacic

- Biluo Shen/1996
- Pre master student of CASIA (Start at Sep. 2019)
- Bachelor's degree in IMIS, Lanzhou University, 2018
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Contact

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Skills

Deep Learning

- Basically grasp the concepts, models and methods of computer vision and natural language processing on deep learning
- Updated with the latest research results in computer vision (classification, detection, segmentation)
- Ability to reproduce classic papers, models and results ([DenseNet](#), [CapsuleNet](#), [YOLO\(v3\)](#), [RefineDet](#), [DeepLab\(V3\)](#), [DCGAN](#) etc.)
- Experience in training classic datasets (MNIST, [CIFAR](#), [VOCDetection](#), [SVHN](#), [VOCSegmentation](#)) and custom datasets ([CAPTCHA](#)) in computer vision
- Familiar with classic NLP models (e.g., RNN, GRU, LSTM, [Transformer](#)) and methods of embedding like Word2Vec and BERT
- Proficient in PyTorch ([pytorch-hrvvi-ext](#))
- Basic Experience in CUDA programming and extending deep learning framework
- Complete almost all lectures and assignments ([mine](#)) of [CS231n Spring 2018](#) and [CS230 \(Coursera Deep Learning Specialization\)](#)

Machine Learning

- Experience with linear algebra, calculus, and statistics
- Experience with common machine learning algorithms (e.g., Linear Regression, Logistic Regression, Decision Trees, SVM, Naive Bayes, etc.)
- Proficient in NumPy, Pandas, SciPy, Scikit-learn

Web Development

- Full stack web development with Scala, Python, Go for back-end and JavaScript for front-end
- Developed a personal website with Flask(Python) and React(JavaScript)

Others

- Rich experience in web scrapping with Python
- Experience with common data structures or algorithms (Got full marks in PAT Level A, 2017.9)
- Mastering 'Hello World' in many programming languages, especially functional programming languages :) (e.g., C, C++, Python, Julia, Haskell, Scala, Elixir, Lisp(Racket), Go, Rust, Idris, Coq, etc.)

Job Experience

HuaLong Data

2017.7~2017.8

- News Crawler: Developed a crawler framework named hl-crawler with Scala based on WebMagic and plan to add distributed support by Akka
- Order Evaluation: Developed a program to check where news websites publish specified news before deadline based on the data crawled by hl-crawler; Develop project' s API and provide searching by Elasticsearch

Fudata Technologies Internship

2017.10~2017.12

- Collaborated with colleagues in deployment company's Hadoop cluster from scratch
- Collaborated with colleagues in deployment and configuration of Hive、 Hue、 Spark、 Zeppelin
- Collaborated with colleagues in planning and execution of data migration
- Survey on the next generation task schedule platform

2018.3~2018.4

- Developed Hive2Kafka with Spark
- Developed the UI of Big Data Platform and realized downloading and permission
- Refactored the 'credit box' project and deployed it to the third-party with further support

Fudata Technologies Data Engineer

2018.6~2018.8

- Developed a crawler for aggregation of information of cryptographic currency market
- Research on graph databases and social graph
- Developed a model based on RNN and Chinese word embedding to classify bank statements and goods on Taobao (independently completed the whole process of creation of the dataset, model training, and deployment)

The End

- "Talk is cheap. Show me the code." Most of the projects mentioned in deep learning contain hyperlinks to my implementation. Know more at my [Github](#).
- Thank you!