

# 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!