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**EDUCATION**

- **Beijing University of Chemical Technology** Beijing  
*School of Science / B.S. in Applied Chemistry* *Sep. 2014 - Jul. 2018*

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**PROFESSIONAL EXPERIENCES**

- **Baidu (AIG, Knowledge Graph Group)** Beijing  
*Algorithms Engineering Intern* *May 2017 - Aug 2017*
  - In the internal Hadoop platform, using naive bayesian method to do the data mining for all Baidu encyclopedia data, adding 3 million unknown knowledge graph data, and the accuracy rate was above 95 %.
  - In internal deep learning platform LegoNet, using neural network method to process the data of the search results and optimize the sorting of existing search results.
- **Megvii (Face++)** Beijing  
*Software Engineering Intern* *Jun 2016 - Oct 2016*
  - Built a JSON-gRPC gateway application generator based on Google Protobuf coded by Golang, which can read a .proto file and automatically generate a complete set of Goroutine RESTful Web service.
  - Developed a deep learning training monitor via D3.js library internally. Designed a front-end cache structure to load data dynamically, and solved and optimized massive data visualization problem.
  - Designed console interface of Deep Learning Cloud, which can be applied for virtual machine, modification and monitoring functions.
- **EasyEasyOversea (<https://easyeasyoversea.com>)** *Jan 2017 - Feb 2017*  
*Independent Developer*
  - The Best App for studying abroad. It changes and optimize the situation of information asymmetry.
  - In the first week, The times of searches is over 100,000 +, and was contacted by three angel investors, actively sought cooperation by six major companies in the field.
  - MongoDB and Gevent based to build a high performance web spider plugins. Using Elasticsearch for the search engine back-end, Writing a middleware to communicate with Redis for optimizing the concurrency in Golang. Django-Rest and Mysql based to build a forum which used redis for concurrency and used celery to build some asynchronous plugins. Using React and Bootstrap for the front-end and UI and D3.js for data visualization.
- **ZhaDuiXueShe (<http://zhaduixueshe.com>)** *Jul 2015 - Sep 2015*  
*Independent Developer*
  - An academic review information sharing platform on university. Using Uwsgi and Django as service back-end, Bootstrap and JQuery for the service front-end, and Mysql as its main database.
- **Juicy ([github.com/salamer/Juicy](https://github.com/salamer/Juicy))** *Dec 2017 - Jan 2018*  
*Independent Developer*
  - Distributed Key/Value Database, With the implementation of the Raft consensus algorithm in Go, and it support the data compress and persistence.

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**COMPETITION EXPERIENCES**

- **American Mathematical Modeling Contest / 2nd prize ( Honorable Mention )** *Feb 2016*
  - Fit the data from Algeria's available water resources, medical investments, and government regulatory data to obtain the correlations based on a gray system. Proposed KNN tricks to model the location of wells.
- **Amazon AWS Hackathon, Beijing / 3rd Prize ( team leader )** *Sep 2016*
  - Used Golang and Javascript development via gRPC, React and Docker methods to realize the configuration files, automatically generating a complete set of front-end monitoring service. The source of the data is called by the scattered cluster in gRPC. Improved the structural support of the monitor's information source.
- **BloomBerg Code Your Way to Global Data / 1st prize** *Nov 2016*
  - Wrote a automated downloading acquisitions case(PDF) script and use Word2Vec algorithms to find target

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**AWARDS**

- **Renmin third prize scholarship** *Jul 2015*

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**SKILLS**

- Master web development, web crawler scraping.
- Skilled in Python, Go, familiar with C, Javascript, Ruby
- Skilled in data structures and algorithms, web protocol, database
- Familiar with data mining, machine learning
- Development experiences on Linux and database
- Language: Mandarin(native speaker), English (CET-6), Japanese (basic daily communication)