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## EDUCATION

- **Beijing University of Chemical Technology** Beijing  
*School of Science / B.S. (Applied-Chemistry)* 2014.9 – 2018.7

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## PROFESSIONAL EXPERIENCE

- **Baidu (AIG Knowledge Graph Group)** Beijing  
*Algorithms developer Intern* May 2017 - Aug 2017
  - In the internal Hadoop platform, I used 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, I used neural network method to process the data of the search results and optimize the sorting of existing search results.
- **Megvii (Face++)** Beijing  
*Software developer 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(GPU), modification and monitoring functions.
- **EasyEasyOversea (<https://easyeasyoversea.com>)** Jan 2017 - Feb 2017  
*Independent Developer*
  - The Best App for going abroad to study. It changes and optimize the situation of information asymmetry.
  - In the first week, the search was over 100,000 +, and was contacted by three angel investors, and was actively seeking cooperation from six major companies in the field.
  - MongoDB and Gevent based to build a high performance web spider plugins. Used Elasticsearch for the search engine back-end, used Golang to write a middleware to communicate with Redis for optimizing the concurrency. Django-Rest and Mysql based to build a forum which used redis for concurrency and used celery to build some asynchronous plugins. Used React and Bootstrap for the front-end and UI and D3.js for data visualization.
- **ZhaDuiXueShe Official Website (<http://zhaduixueshe.com>)** Jul 2015 - Sep 2015  
*Independent Developer*
  - Built a review material sharing platform within university. Developed the blog system for classmates to share the review materials, and an offline organization for top 5% students among schools to lecture and tutor others. The website supports Markdown format posts and back-end system including online registration system and administrator-based control system.
  - Django-based framework to build back-end using MySQL. Used Nginx handling the loading and static file. Use UWSGI and Django as service back-end. The front-end was based on the Bootstrap and JQuery.
- **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 EXPERIENCE

- **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 ( 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

## AWARD

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- Renmin third prize scholarship

Jul 2015

## SKILLS

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- Master Web development, data processing.
- Skill in Python, Go, C, Javascript, Ruby
- Skill in basic data structures and algorithms
- Familiar with data mining, machine learning, web protocol.
- Development experiences on Linux and Database
- Language: Mandarin , English (CET-6), Japanese (Basic Daily Communication)