



# LeiZhao

## Polyglot Programmer

### Address

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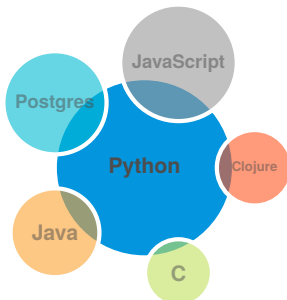
### Email

lei.zhao@example.com

### SO & Git

stackoverflow.com/u/2117531  
github.com/LeeiFrankJaw

### Programming



### OS Preference

GNU/Linux ★★★★★  
BSD ★★★★★  
Windows ★★★★★  
macOS ★★★★★

### Languages

Chinese ★★★★★  
English ★★★★★  
Russian ★★★★★

## Experience

02/17 - 12/17 **Python programmer**

[Mesoor](#)

I wrote web crawler using pyspider to crawl job descriptions from several major Chinese employment-related website like lagou.com, zhaopin.com, chinahr.com, and so on so forth. I implemented an automatic login service using w3c web driver technology and help our client import their resumes into our own system. I also participated in a lot front-end website development with both angular/typescript and vanilla javascript and some back-end development with flask and hug. I was also often assigned tasks related to database (PostgreSQL primarily, also MySQL) operation and migration.

11/14 - 02/15 **Clojure programmer**

[Starworking](#)

Develop full-stack website with Clojure and related technology while learning Clojure on the go.

## Education

09/14 - 06/17 **Zhuanke Certificate of Graduation in Computer Science**

[SJTU](#)

This certificate, which I attained by self-taught examination, is equivalent to an Associate's degree. Upon completion, I learned C, RDBMS, data structures, discrete math, computer organization, operating system, networking, digital logic, 8086 interfacing, and so on.

08/11 - 02/12 **Computer Science**

[Cornell College](#)

Since I had only one semester here, I learned about Java and formal logic, and became an Emacs and Linux user.

## Honors & Awards

11/09 **2nd Prize in NOIP**

[China Computer Federation](#)

NOIP is an annual competitive programming competition for secondary school students. The contest consists of five hours of computer programming on an individual basis, solving problems of an algorithmic nature.

## Certifications

05/15 **Linear Algebra - Foundations to Frontiers**

[edX](#)

This was my first exposure to MATLAB and I learned about FLAME methodology for systematically developing dense linear algebra library.

04/15 **Coding the Matrix: Linear Algebra through Computer Science Applications**

[Coursera](#)

I learned many applications of linear algebra in a variety of fields like computer vision, cryptography, graphics, information retrieval, and so on.

- 09/14      **The Hardware/Software Interface** [Coursera](#)  
I learned key computational abstraction levels below modern high-level languages, number representation, assembly language, memory management, the operating-system process model, high-level machine architecture including the memory hierarchy, and how high-level languages are implemented. I was very sad to know in 2015 that Prof. Borriello passed away after six-year fight against colon cancer.
- 06/14      **Functional Programming Principles in Scala** [Coursera](#)  
In addition to some hands-on experiences with Scala, I learned about proofs of invariants for functional programs and how to trace execution symbolically.
- 06/14      **Logic: Language and Information 2** [Coursera](#)  
This is my first officially verified MOOC. I learned various application of formal logic in different fields such as EE, CS, linguistics, philosophy, and math. Specifically, I learned Robinson's unification and resolution and played with SWI-Prolog. This course also deepened my understanding of  $\epsilon$ - $\delta$  language often seen in mathematical analysis.
- 06/13      **Introduction to Computer Science and Programming** [edX](#)  
This course broadened my horizons and introduced me to many topics in computer science.
- 11/12      **Introduction to Logic** [Coursera](#)  
I was one of earliest MOOC learners in China. Perhaps due to my life-long interest in formal logic, this course was one of my first MOOCs.