LeiZhao

Polyglot Programmer

Address

Pudong New Area
Shanghai, China

Tel & WeChat

+1 319 555 0128
lei.zhao

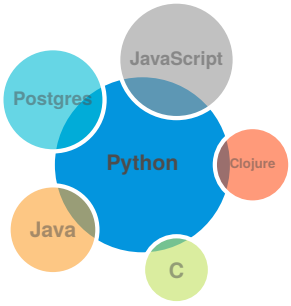
Email

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 ϵ-δ 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.