

CURRICULUM VITAE

Xingyu Lu (@anqurvanillapy)

- Jinan University Zhuhai Campus. Bachelor in software engineering (2014~2018).
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- Born on the leap day, 1996. Haikou, Hainan, my hometown. Now in Zhuhai, Guangdong.

Computer Skills

- **Backend development.** Major interests: Concurrent programming and distributed systems. Toes dipping: Compilers and functional programming.
- Proglang buff: Reading source code of Pony, toy-making with Clojure, Elixir, etc.
- Currently on *nix. Hardly on Windows/macOS.
- Reading *UDPv1/2*, *APUE*, *pb7con*, *redisbook*, *dragon book*, *CLRS*.

Programming Languages

- [=====>--] Python 2.7/3.5.
- [=====>----] C++11.
- [=====>-----] C (ANSI C).
- [=====>-----] Java 1.8.
- [=====>----] ECMAScript 2015/HTML5/CSS3.

Major Projects

My repos: github.com/anqurvanillapy.

- [libscoa](#) (WIP), lightweight Erlang-like C++ actor framework (with limited pattern matching).
- [preldb](#), a Node.js database engine, reference implementation of UNIX's DBM and Python's dbm.dumb.
- [sanscc](#), minimal interpreter in Bash, with lexical analysis and syntax-directed translation.
- Development of a performance appraisal webapp for student organisations. Solution stack: SAE (MySQL), MySQLdb, Flask, Jinja2, Bootstrap 3, jQuery.
- [pipesicle](#), SSG generator, used for generating slideshow/wiki/blog SSGs.
- Personal [scripts](#) for daily use, C/C++ lab [cppl](#), and [probset](#) for problem solving.

Working Experiences (in student organizations)

- JNUren Network Alliance (of CYL Working Committee): 2014~2015: Officer. 2015~2016: Minister.
- Jinan Developer Community (formerly of KSC, currently of CYL College Committee And Student Union): 2014~2015: Officer. 2015~2016: Tech Leader.

Miscellanea

- Languages: Chinese, English (CET Band-6 score of 558).
- OJ profile (Leetcode): leetcode.com/anqurvanillapy.
- Blog: anqurvanillapy.github.io.