

JINWEI LONG

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🎓 EDUCATION

Zhejiang University, Bachelor Sep, 2016 – Current

Computer Science and Technology && Statistics

GPA 3.9/4.0, rank: 20%

First class scholarship for excellent students

👥 EXPERIENCE

ZJU Lambda Group, Zhejiang University Sep, 2017 – Current

founder Programming Language Theory, Functional Programming

- Created ZJU Lambda Group
- Organized several presentations about Haskell, Scala, static analysis, verification and dependent types
- Website: <https://zju-lambda.tech/>

ZJUBTV, Zhejiang University Sep, 2018 – Current

programmer Website development

- Developed some internal websites

University of Science and Technology of China Mar, 2018 – Sep, 2018

exchange student and research assistant Programming Language Theory

- Learned a lot about static analysis
- Engaged in the translation of *Practical Foundations for Programming Languages*

🐱 PROJECTS

Steak Language, Haskell, C++

Superset of C++17

- Functional library written in C++17 which provides generalized algebraic data types, pattern matching and lazy evaluation
- Domain specific language powered by macro
- Compiler written in Haskell, which compiles steak language files into C++17 files

Dualdb, C++

A key/value storage system for the First PolarDB Database Performance Contest

- 15th among 1635 teams in the contest

Tigerfix, C++, Python

Hot fix tool for compiled languages such as C and C++

- Helps to change the implementation of some functions without restarting the running process

Memfs, C++

Memory file system for Linux

- Use skiplist as index data structure

⚙️ SKILLS

Programming Languages

C++, Scala, JavaScript, Haskell, Python

Web Development

Express.js, Akka Actor, Docker

Bigdata

Statistics, Hadoop, Spark, Zookeeper

Other skills

Compiler Development, Design domain specific language, Program analysis