# Bo Xu

✉ Mu001999@outlook.com · ☎ (+86) 185-1171-0247 · ⌗ Mu001999

## 🎓 Education

**Beijing Forestry University (BJFU)**, Beijing, China          2016.6 – Present
*College student* in Network Engineering (NE), expected June 2020

## 👥 Work Experience

**Beijing Weifu Security Technology Co., Ltd.**, Beijing, China          2017.7 – 2017.9
*Intern*    Deep learning intern

## 🐙 Personal Projects

**Ice Language**                                        `https://github.com/ice-lang/ice`

Interpreted programming language, consistent with Turing's complete thinking

- Object-oriented language
- Provide REPL(Read-eval-print-loop)
- Basic implementation of bootstrapping ColdIce(implemented by Ice, https://github.com/ice-lang/coldice)

**Yare**                                        `https://github.com/MU001999/yare`

Standard regular expression engine constructed using DFA

- Supports UTF-8
- Supports standard regular expression syntax
- Supports some extended grammar likê, & and so on
- Provide common APIs such as match, search and replace

**Icarus**                                        `https://github.com/Jusot/icarus`

A C++ network library based on the reactor pattern.

- Supports callback event registration
- Provides TcpServer, TcpConnection...
- Multi-threaded support is good

## ⚙ Skills

- **Programming language**: Familiar with C++/Python, faster familiarity with other languages for development
- **Data Structures and Algorithms**: Master basic data structure and algorithm knowledge
- **Compilers**: Familiar with front-end knowledge, back-end optimization is also involved
- **Editors** and IDE: Can adapt to any editors, normally use VS, VSCode

## ♡ Honors and Awards

*North China Division First Prize*, National University Biological Network Design Competition (TI Cup) 2017.8.16

## ⓘ Miscellaneous

- Blog: http://mu00.jusot.com
- GitHub: https://github.com/mu001999