

# Yifei XIAO

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## 🎓 EDUCATION

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**Beijing Univ. of Posts and Telecommunications (BUPT)** 2013.9 – Present

*Master student* in Computer Science and Technology (CS), expected March 2016

**Beijing Univ. of Posts and Telecommunications (BUPT)** 2009.9 – 2013.6

*B.S.* in Information and Computing Sciences

## 💼 EXPERIENCE

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**Samsung Communications Technology Research co., LTD** 2014.7 – 2015.4

*Software Development Intern*

Brief introduction: ASR Auto Speech Recognition and NLU, Natural Language Understanding.

- Designed and implemented a part of the engine, which is a server for managing (control, monitor, communicate) the engine. Designed and implemented
- Designed and implemented an android application for the engine, so we can manage the engine and implemented on mobile terminals
- Linux C/C++, Java, JNI, jetty, Android ADT

**Defect Testing System(DTS)** 2013.9 – 2015.7

*Software Development(Java)* National 863 Project, studied with my tutor

Brief introduction: DTS is a set of testing tools, which is based on the software defect.

- Designed and implemented a defect mode() about C, by using the Javacc to create an AST(Abstract Syntax Tree) and scan the possible nodes
- Responsible for maintaining this System and fix some bugs in actual scene
- Java, Eclipse

**xhttpd, my http server** 2015.5 – Present

*Linux C++, Maintainer* Individual Project

a simple http server, <https://github.com/xiaoyifeibupt/xhttpd>

- Designed and implemented by using event-driven, Non-blocking IO, one loop per thread model, epoll
- support for POST and GET method, CGI, Access to files and directories, Error processing(404)

**xMultiThread, my thread library** 2015.5 – Present

*Linux C++, Maintainer* Individual Project

a simple thread library, encapsulated by Linux C++, <https://github.com/xiaoyifeibupt/xMultiThread>

- Designed and implemented by using RAII, support for MutexLock, Condition, BlockingQueue, CountDownLatch
- Easy to be further customized or extended

## ⚙️ SKILLS

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- Programming Languages: C++ > C > Java > Python
- Platform: Linux
- Development: Network programming, Multithreaded programming

## ≡ MISCELLANEOUS

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- 🏠 : <http://xiaoyifeibupt.github.io>
- 🌐 : <https://github.com/xiaoyifeibupt>
- 🗣️ : English - CET6, Mandarin - Native speaker