冯云龙

☎ (+86) 18846155227 | ✉ alongwyforever@gmail.com | ⌂ alongwy.top | ⌕ alongwy

教育背景

哈尔滨工业大学   哈尔滨, 黑龙江

计算机科学与技术学院   *09/2016 - 06/2020*

- 计算机工程，主修

在校经历

部长，IBM 俱乐部，计算机学院，哈尔滨工业大学   *02/2018 - 02/2019*

学习委员，计算机学院，哈尔滨工业大学   *09/2018 - 06/2019*

工程经历

软件工程师，哈工大网络智能实验室，黑龙江   *08/2018 - 至今*

- *WI* 输入法需要被移植到资源较小的 *ARM* 平台机器上，同时需要增加一些新功能，包括英文输入法和词典编辑工具
- 我主要负责英文输入法（包括词语预测、词语纠错等功能）和词典编辑工具的的设计与开发
- 英文输入法目前没有发现内存泄漏问题，运行效果和移植效果良好，资源消耗也比较少，词典编辑工具能够完成中英文的词典编辑功能
- 该项目进一步强化了我对数据结构和算法的认识以及一些内存优化方案的了解

软件工程师，某私企内部搜索引擎项目，黑龙江   *06/2018 - 09/2018*

- 该项目主要用于各大平台的新闻聚合搜索，特别是娱乐新闻的搜索
- 独立完成该项目的前后端，前端使用 *Bootstrap*，后端使用 *Django + uwgi + nginx + mysql + ElasticSearch*，使用 *Scrapy* 作为爬虫
- 该项目目前已经在内部使用，各项功能基本正常，但是当爬取的新闻条目过高时，速度会比较慢，对此进行了一定的优化
- 从该项目中学会了项目的开发流程、*AJAX* 和爬虫的知识，以及一些数据库优化的策略

软件工程师，哈工大社会计算与信息检索研究中心，黑龙江   *11/2017 - 1/2018*

- 语音云平台为了提高网络负载和运算效率，需要进行微服务化并提高程序的并行处理能力，而目前其底层机器学习库不能完成对应的功能
- 我主要负责该机器学习库的开发工作，这里是基于已有的某机器学习库，对该库的内存模型进行了修改，使得其可以支持多计算图多进程运算
- 该底层库目前已经应用部署到到 *LTP* 语音云平台的服务中去，运行效果良好
- 在本项目中更多的接触了程序的内存管理和多进程、多线程的知识

获奖 & 荣誉

2018	**CSC—IBM** 中国优秀学生奖学金, 哈尔滨工业大学	哈尔滨，黑龙江
	第 **19** 届 **Intel** 杯大赛三等奖, 哈尔滨工业大学	哈尔滨，黑龙江
	蓝桥杯大赛二等奖, 哈尔滨工业大学	哈尔滨，黑龙江
	人民奖学金三等奖, 哈尔滨工业大学	哈尔滨，黑龙江
2017	年度科技创新项目二等奖, 哈尔滨工业大学	哈尔滨，黑龙江
	人民奖学金二等奖, 哈尔滨工业大学	哈尔滨，黑龙江

技能

Programming	Python, C/C++, Java, Julia, Bash & Linux, LaTeX
GitHub	https://github.com/alongwy
Languages	English(CET-4, CET-6), Chinese(Mother Language)

Yunlong Feng

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Education

Harbin Institute of Technology   Harbin, Heilongjiang Prov.
Computer Science and Technology   *09/2016 - 06/2020*
- *Computer Engineering，Major*

Social

Chairman， *IBM Club，Harbin Institute of Technology*   *02/2018 - 02/2019*
Study members， *Harbin Institute of Technology*   *09/2018 - 06/2019*

Engineer

Software Engineer， *HIT Network Intelligence Laboratory，Heilongjiang Prov.*   *08/2018 - Now*
- *WI input method needs to be ported to a small-capacity ARM platform machine, and some new functions need to be added, including English input method and dictionary editing tool.*
- *I am mainly responsible for the design and development of English input methods (including word prediction, word correction, etc.) and dictionary editing tools.*
- *The English input method has not found the memory leak problem at present, the running effect and the transplant effect are good, the resource consumption is relatively small, and the dictionary editing tool can complete the dictionary editing function in Chinese and English.*

Software Engineer， *A private enterprise internal search engine project，*   *06/2018 - 09/2018*
Heilongjiang Prov.
- *The project is mainly used for news aggregation search of major platforms, especially for entertainment news.*
- *I completed the front and back of the project independently, the front end uses Bootstrap, the back end uses Django + uwgi + nginx + mysql + ElasticSearch, and Scrapy is used as a crawler.*
- *The project is currently in use internally, and the functions are basically normal, but when the crawled news items are too high, the speed will be slower and some optimization is made.*

Software Engineer， *HIT Center for Information Retrieval，Heilongjiang Prov.*   *11/2017 - 1/2018*
- *In order to improve network load and computing efficiency, the LTP Cloud Platform needs to be micro-serviced and improve the parallel processing capability of the program. At present, the underlying machine learning library cannot complete the corresponding functions.*
- *I am mainly responsible for the development of the machine learning library which is based on an existing machine learning library. The memory model of the library has been modified so that it can support multi-calculation graph multi-process operations.*
- *The underlying library has been deployed to the services of the LTP Cloud Platform, and the state is good.*

Honors & Awards

2018	**CSC—IBM Scholarship**, *Harbin Institute of Technology*	Harbin
	Second Prize, *2018 - Intel Cup National Collegiate Software Innovation Contest*	Harbin
	Second Prize, *Blue Bridge Cup*	Harbin
	Third-class People's Scholarship, *Harbin Institute of Technology*	Harbin
2017	**The Second Prize Scholarship Of Yearly Project**, *Harbin Institute of Technology*	Harbin
	Second-class People's Scholarship, *Harbin Institute of Technology*	Harbin

Skills

Programming   Python, C/C++, Java, Julia, Bash & Linux, LaTeX
GitHub   https://github.com/alongwy
Languages   English(CET-4, CET-6), Chinese(Mother Language)