李盼

〈联系信息〉

- 性别：男
- 手机：+86 13585-994-894
- Email: incarnation.p.lee@outlook.com

〈求职意向〉

- System software developer

〈教育背景〉

- 同济大学，工学硕士，通信与信息系统
- 同济大学，工学学士，通信工程

〈在校获奖〉

- 2012 年同济优秀毕业生
- 2011 年全国数学建模大赛三等奖
- 2010 年同济优秀学生干部
- 2009 年同济社会活动奖
- 2007 年国家励志奖学金
- 2007 年同济校三等奖学金
- 2006 年同济高等数学竞赛三等奖

〈技术背景〉

- C, Assembly (Intel and Arm)
- Golang, C#, Perl, Java, Bash
- Code quality, reuse and refactor
- Performance analyze and optimization
- Framework design and implementation

<工作经历>

✓ 2014-今，上海英特尔亚太研发有限公司

System software developer

- Float point instruction emulation (Arm to Intel)
- Jit backend framework design and implementation
- Performance profiling, analyze and optimization
- Code quality, reuse and refactor
- Support customers for urgent issues on IA device

✓ 2012-2014，上海 IBM-CSTL-System/Z

System software developer

- System/Z ZOS performance tool-chain development
- Product CPLEX vector instruction optimization

✓ 2011-2012，上海英特尔亚太研发有限公司, Intern

System software developer

- A framework of automatically testing on different compile options.

<个人作品>

✓ Github: *https://github.com/Incarnation-p-lee*

- Unified data structure implementation lib of C
  - *https://github.com/Incarnation-p-lee/libds*
  - *Support linked list, stack and queue.*
  - *Support tree, hash, heap, sort and set.*
  - *Implement unit test and performance test framework.*
- Implemented from JamesM's kernel development tutorials
  - *https://github.com/Incarnation-p-lee/excalibur*
  - *Support Grub multi-boot with initrd RAM fs.*
  - *Enable ISR and IRQ, initialize timer by default.*
  - *Enable paging and kernel heap.*
  - *Support ATA device (disk).*
  - *Enabled VFS and build ext2 file-system directory tree.*
- Conversion between float point and its' binary layout
  - *https://github.com/Incarnation-p-lee/cbfi*
  - *Binary layout to float point value (approximate) convert.*
  - *Float point value to Binary layout convert.*
  - *Support float point double, float and half.*
- Simple C compiler implementation
  - *https://github.com/Incarnation-p-lee/scil*
  - *Implement Tokenizer for all C language tokens.*
  - *Implement Production generator of parser.*

Pan Li

<Basic Information>

- Mobile：+86 13585-994-894
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<Job Refer>

- System software developer

<Education>

- Tongji, M.E., Communication and Information system
- Tongji, B.E., Communication.

< Awards>

- 2012 年同济优秀毕业生
- 2011 年全国数学建模大赛三等奖
- 2010 年同济优秀学生干部
- 2009 年同济社会活动奖
- 2007 年国家励志奖学金
- 2007 年同济校三等奖学金
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<Technical Background>

- C, Assembly (Intel and Arm)
- Golang, C#, Perl, Java, Bash
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- Performance analyze and optimization
- Framework design and implementation

<Work Experience>

✓ 2014-now, Intel-SSG-DPD

System software developer

- Float point instruction emulation (Arm to Intel)
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System software developer

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✓ 2011-2012, Intel-SSG-DPD, Intern

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<Personal Programs>

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