Chung-Shu Chen - Resume 10/4/17, 10:58 AM



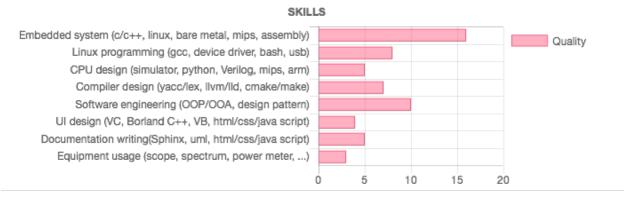
Chung-Shu Chen 陳鍾樞

I am a programmer who used different computer languages, tools and computer related knowledge to develop different software and hardware products, such as Set Top Box, CPU, compiler, simulator, ..., in my career. I always have full passion in programming, knowing tools and software engineering method well, loving programming and debugging, feeling happy about writing good document to deliver more readable and maintainable software.

RESUME

QUALIFICATION

Over 20 years experience in c/c++ embedded system programming, 5 years compiler toolchain related experience and research in parallel processing for master degree.



MY OPEN SOURCE PROJECT

 $I am \ proud \ of \ my \ work \ is \ accepted \ by \ LLVM \ documentation, appears \ at \ \underline{http://llvm.org/docs/tutorial/\#external-tutorials}$

Tutorial: Create an LLVM Backend compiler

http://jonathan2251.github.io/lbd/index.html

Tutorial: Create an LLVM Backend Toolchain

http://jonathan2251.github.io/lbt/index.html

FDUCATION

1997-1999 Master, June 1999, National Taiwan Normal University (國立台灣師範大學), Taipei, Major: Information Science.

1991-1994 B.S., June 1994, National Taiwan Technology University of Science and Technology (國立台灣科技大學), Taipei, Major: Industry Engineer.

LICENSE

Taiwan National Computer Engineer license, 1995 高考資訊技師及格.

EXPERIENCE

LLVM backend compiler development for a whole new GPU

Web and document software study and design (html/css/javascript, Graphivz, ...)

November 2016 Senior software engineer in Marvell (Ivm open source team at my personal time)

The simulator programmer of Marvell's ARM SOC chips

August 2012 Programmer in Ilvm (a compiler) open source team

Senior software engineer in Motorola

September 2004 Software engineer in a few Taiwan's companies

June 1999 🔷

April 2017

THESIS OF MASTER DEGREE

The Researches of Column Sort and Related Problems

PROPOSAL OF PHD STUDY

The Researches of Sorting Network and Related Algorithm

More detailed resume

References

My former manager's recommendation letter: https://jonathan2251.github.io/ws/en/RL_Marvell.pdf