

Zheyu Jin

Software Engineer at Facebook

Summary

Theories: Machine Learning, Computer Systems, Algorithms, Design Patterns, Embedded Systems, TCP/IP, Concurrent Programming, Information Retrieval

Technologies: Hadoop, Hbase, Big Data, Lucene, Linux, JNI, Spring, Android, Android NDK, Multimedia, HTTP, JSON, Apple Live Streaming, ELF file format, HTML, XML, CSS

Experience

Software Engineer at Facebook

December 2016 - Present

Software Engineer at Square

March 2016 - October 2016 (8 months)

Software Engineer Intern at Yahoo

January 2015 - July 2015 (7 months)

- Improve Yahoo! Email search result for CJK (Chinese, Korean, Japanese).

- Evaluated various CJK (Chinese, Japanese, Korean) text tokenizer solutions.

- Designed interface and integrated CJK tokenizer into Yahoo email to improve search result.

Software Engineer at Nextreaming

October 2010 - November 2013 (3 years 2 months)

- Ported embedded NexPlayer to six Android models of Samsung, LG, Qualcomm and Linaro. (C/C++, ARM Architecture, Java, Android, Android NDK, JNI)

- Maintained & developed audio rendering module of NexPlayer SDK. (C/C++, Java, Android Multimedia, Android NDK, JNI, Audio Codec, MP3, AMR, AAC, AC3, DTS, DOLBY)

- Developed Android native level audio codec connector for NexPlayer SDK.(ELF file format, shared library symbol searching, Android NDK)

- Designed & developed audio codec fetching module, shared library security checking module of NexPlayer SDK. (C/C++, Android, MD5, HTTP, TCP/IP, Android NDK, Security)

Provided technical support for NexPlayer SDK, focusing on major mobile and cable operators in Europe & North America. Worked in a geographically distributed team with members located in Spain and Australia. (Android NDK, HTTP Live Streaming, JNI, Android Application Framework)

Assistant Analyst(intern) at Baidu, Inc.

April 2010 - May 2010 (2 months)

Analyzed business model, income structure and marketing strategy of two major Korean online retailers.

Volunteer

July 2008 - August 2008 (2 months)

Recognized by the manager by supporting press conferences in Wukesong Basketball Stadium.

Education

Northeastern University

Master's degree, Computer Science, 2014 - 2015

Beijing Institute of Technology

Bachelor of Engineering, Software Engineering, 2006 - 2010

Honors and Awards

Renmin Scholarship

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[Contact Zheyu on LinkedIn](#)