Jinsong Yu

Senior Staff Software Engineer at Google

Summary

N/A

Experience

Software Engineer at Facebook

June 2017 - Present

Working on Bots, Assistant, Conversational Intelligence.

We are hiring experts in natural language understanding, speech technologies, and other deep learning areas.

Senior Staff Software Engineering Manager

August 2015 - May 2017 (1 year 10 months)

Working on Machine Intelligence in Google Reserch & MI.

The focus is to use on-device machine learning to build identity and authentication solutions (details are confidential). I lead a team of machine learning researchers and engineers to advance the field of research and to build production quality solutions to incorporate into Google products.

I'm also a member of the on-device machine intelligence leadership team and participate in defining and executing strategies to advance Google hardware story.

Senior Staff Software Engineer at Google

April 2014 - August 2015 (1 year 5 months)

I worked on Google Cloud Platform (https://cloud.google.com/) from April 2014 and August 2015. I founded and led the project to coordinate Google Cloud control plane functionalities including billing, monitoring, logging, status check, quota, analytics, etc. We built the high performance, high availability service from concept to general availability. The project is now a foundational component of Google Cloud Platform.

Software Architect / Partner Architect at Microsoft

May 2007 - March 2014 (6 years 11 months)

Between 2007 and 2014 I was in a key leadership role of an ambitious technology incubation project that rethinks the entire software stack. The project goal was to build a secure, reliable, and performant platform for the next generation computing. My team owned many aspects of the system (with myself actively worked on most of them), including:

 * kernel component layering

* memory manager
* synchronization primitives
* IO interrupt dispatching
* resource accounting
* event tracing
* process isolation
* inter-process communication
* cache management
* device driver framework
* network stack
* cryptography and security
* web server
* server performance
* data center integration and management.

Software Design Engineer/Architect at Microsoft

March 2003 - May 2007 (4 years 3 months)

I created the Microsoft Math product (https://en.wikipedia.org/wiki/Microsoft_Mathematics) and led the design and development. I developed most of the code in the computer algebra engine that has symbolic/ numeric computation, equation solving, and 2D/3D graphing capabilities.

Architect/Vice President Online Banking

March 1998 - February 2003 (5 years)

Led the company's online banking unit. Our focus was to design, develop, and maintain online banking software for retail and commercial banks.

The company was acquired by Fidelity National Financial in 2003.

Education
Washington University in St. Louis
Masters, Mathematics
Peking University
B.S., Mathematics

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Contact Jinsong on LinkedIn