

Yuanqing Ye

Software Engineer at Google

Summary

I am a master's student in Electrical and Computer Engineering Department at Carnegie Mellon University. I am passionate in combining my knowledge with research work and applying my knowledge to real-life applications, especially in distributed system area and data analysis area. I have interned at Salesforce in the infrastructure team during Summer 2016 and I am going to work at Google from Spring 2017.

Experience

Software Engineer at Google

February 2017 - Present

Currently I am in the F1 Database team.

Software Engineer Internship at Salesforce

May 2016 - August 2016 (4 months)

Reachability Scanner, as part of Software defined networking.

- Built the Reachability Scanner (RS): a network latency measurement, analysis and visualization system, which was composed of the RS Controller, the RS Agent and the RS Collector
- Used pulling mode to make the RS Controller stateless & scalable and the RS Agent configurable & fail-closed
- Pinpointed switch silent packet drops and end-to-end link failure by collecting and analyzing the ICMP echoes
- Visualized latency patterns and records of network SLAs by integrating WAVE analytics tool into the RS Collector

Graduate Teaching Assistant at Carnegie Mellon University

January 2016 - May 2016 (5 months)

Graduate Teaching Assistant for 15213 - Introduction to Computer Systems (SCS)

Education

Carnegie Mellon University

Master's Degree, Electrical and Computer Engineering, 2015 - 2016

Huazhong University of Science and Technology

Bachelor of Engineering (B.Eng.), Electronics and Information Engineering, 2011 - 2015

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[Contact Yuanqing on LinkedIn](#)