

## Contact

[www.linkedin.com/in/hanqing-lou-1a761514](http://www.linkedin.com/in/hanqing-lou-1a761514) (LinkedIn)

# Hanqing Lou

Member Technical Staff Engineer at InterDigital Communications  
Mineola, New York, United States

## Summary

Performance-driven and self-motivated system engineer/architecture with a proven ability to carry cutting edge research and utilize state of art techniques in system design of wireless communication in high-pressure environments.

Specialties: Wireless communication systems, PHY layer design, MAC layer design, Cross-layer design. Digital signal processing, MIMO, MU-MIMO, Beamforming/Nulling. Wimax, Wifi, LTE.

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## Experience

InterDigital Communications  
Member Technical Staff Engineer  
December 2011 - Present (14 years 4 months)  
Melville, NY

Cisco  
Sr. System Engineer  
August 2006 - 2011 (5 years)

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## Education

Ph.D., EE · (2002 - 2006)

BS, MS, Math · (1992 - 2000)