

Exhibit B

Contact

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Ruifeng Wang

Wireless Systems Engineer
Bellevue, Washington, United States

Summary

Specialties:

Wireless Technologies: OFDM/OFDMA, CDMA, MIMO, Beamforming and massive MIMO, Digital communication theory, Signal detection and estimation, Dynamic spectrum sharing, URLLC, LEO satellite communication systems;

System Design Expertise: Physical layer design, Signal processing algorithm development, Fixed point modelling, Link level and system level performance analysis, Physical layer procedures, MAC and RRC protocols;

Wireless Standards: 5G NR, 4G LTE, 3G UMTS, WiMax;

Software Development and Simulation Tools: Assemblies, C/C++, Matlab, Simulink, R;

Hardware Implementation and platforms: DSPs, modem chipsets

Experience

Google

Wireless Systems Engineer
May 2022 - Present (4 months)
Kirkland, Washington, United States

Wireless communication systems design for mobile devices.

AT&T

Principal Member Of Technical Staff
November 2010 - April 2022 (11 years 6 months)
Redmond, Washington, United States

Exploration and realization of advanced radio technologies for mobile networks

Meteorcomm

DSP Algorithm Design

August 2010 - November 2010 (4 months)

Designed baseband receiver algorithms, simulated in Matlab, analyzed end-to-end performance, and implemented in C for the proprietary wireless communication systems.

Codiolink

Chief Architect

May 2009 - November 2010 (1 year 7 months)

Wireless communication systems design for white space spectrum.

RadioFrame Networks

Senior Systems Engineer

August 2008 - May 2009 (10 months)

Baseband system architecture design and task partition for 3GPP UMTS femto access point and next generation ASIC

Neocific (Walbell)

Architect, Systems and DSP

June 2004 - August 2008 (4 years 3 months)

Modem algorithm design, link-level simulation, fixed-point modeling, system architecture design, product design and DSP implementation for WiMAX BS and MS

NIIT and RadioFrame Networks

Wireless Consultant

February 2003 - May 2004 (1 year 4 months)

System design, algorithm design and simulation, DSP implementation for 3GPP UMTS WCDMA node B.

AT&T Wireless

Senior Systems Engineer

July 2000 - January 2003 (2 years 7 months)

System design and technology innovation for broadband wireless systems (AT&T Angel Project)

COM DEV

Sr. Member of Technical Staff

System design and product development for broadband mobile Internet access systems

Education

Queen's University

Ph.D. EE, Space-time signal processing for wireless communications · (1995 - 1999)

Beijing Jiaotong University

BS and MS, Electrical and Electronics Engineering