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Charlie Zhang

SVP at Samsung Research America, Corporate VP at Samsung Research



Experience



Vice Chair of the Full Member Group

Next G Alliance · Part-time

Oct 2023 - Present · 9 mos



Corporate VP

Samsung Research · Full-time

Oct 2023 - Present · 9 mos

Seoul, South Korea · On-site

Lead the 6G team at Samsung Research. Develop vision, strategy and drive execution of Samsung Research's global R&D efforts to build a next-G telecommunications system that is future-proof and ready for the AI era.



Samsung Research America

9 yrs 4 mos

Senior Vice President

Full-time

Mar 2020 - Present · 4 yrs 4 mos

Plano, Texas, United States

Dr. Zhang is a Fellow of IEEE and served as 3GPP RAN1 Vice Chairman from 2009-2013.

Currently he is the head of SMI (Standards and Mobility Innovation) Lab in Samsung Research America, and leads research activities in areas of

1. 5G/6G Cellular air interface research, RF prototype and 3GPP standardization
2. Next generation local area wireless connectivity
3. Future multimedia standards

Vice President

Mar 2015 - Mar 2020 · 5 yrs 1 mo

Dallas

Dr. Zhang is a Fellow of IEEE and served as 3GPP RAN1 Vice Chairman from 2009-2013.

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1. 5G/6G Cellular air interface research, RF prototype and 3GPP standardization
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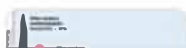
Chairman of the Board

FiRa Consortium

Aug 2019 - May 2023 · 3 yrs 10 mos

The FiRa Consortium is dedicated to the development and widespread adoption of seamless user experiences using the secured fine ranging and positioning capabilities of interoperable Ultra-Wideband (UWB) technologies.

<https://www.firaconsortium.org/>



FiRa Consortium Aims to Revive UWB, Drive Interoperability

ASUS EX2052-p.1
Samsung v. ASUS
IPR2024-00614



FiRa Consortium looks to drive interoperable ecosystem standards for an evolved ultra-wideband (UWB) technology based on the IEEE 802.15.4/4z standard for low-data-rate...



Sr Director

Samsung Telecommunications America

Feb 2013 - Feb 2015 · 2 yrs 1 mo

Richardson, Texas

Head of Wireless Communications Lab in Samsung Research America-Dallas, and leads research activities in areas of

1. Beyond 4G/5G Cellular air interface research, prototype and 3GPP standardization
2. Next generation local area wireless connectivity
3. Smart mobile network



Director

Samsung

Mar 2010 - Jan 2013 · 2 yrs 11 mos

Serve as 3GPP RAN1 Vice Chairman since August 2009.

Lead B4G and Medical Device Group, includes a 3GPP standards team focusing on B4G cellular and connectivity technology, and a Medical device group working on medical sensors for chronic care, medical imaging modalities including Ultrasound, X-ray, etc.



Sr. Manager

Samsung Telecommunications America

Apr 2007 - Mar 2010 · 3 yrs

Lead 3GPP & 3GPP2 standard project.



Principal Engineer

Motorola Mobile Devices

2006 - 2007 · 1 yr



Nokia Research Center

5 yrs 1 mo



Sr. Research Engr

2001 - 2006 · 5 yrs



Sr Research Engineer

2001 - 2006 · 5 yrs

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