

Contact

www.linkedin.com/in/joseph-levy-a691687 (LinkedIn)

Top Skills

Project Management

Wireless Communications Systems

WLAN

Certifications

New York State Professional Engineer

Joseph Levy

Principal Engineer - InterDigital Communications, Inc
New York City Metropolitan Area

Summary

I am currently a Principal Engineer in the Wireless and Networking Lab of InterDigital and am currently focused on developing and advancing IEEE 802.11 standards and related technologies. I have worked on and led multiple InterDigital Standards efforts since 2001 (802.11, 802.19, 3GPP RAN4, 3GPP RAN1 (UMTS, LTE, and 5G)). Prior to joining InterDigital I was with LayerOne Technology, a start-up company working on 4G cellular technology, where I represented LayerOne in 3GPP RAN. Prior to joining LayerOne, I was a Sr. Staff Engineer at EDO Corporation (formally AIL Systems Inc.) where I was responsible for system and component design of microwave and millimeter wave receiver systems for military, scientific, and commercial space applications for 20 years. I am a licensed New York State Professional Engineer.

I have had considerable experience working on Standards and in Standard's Groups developing consensus based technical solutions and specification. I actively support the IEEE Standards Association (SA) and have contributed to work of the IEEE SA, drawing on my years of standardization experience, engineering management experience, and my long-time support of other IEEE activities. I believe in the IEEE SA's mission to develop and advance global technologies through consensus building and the development of widely adopted standards. I see this mission as being critical to improving the human condition throughout the world.

I have successfully managed technical teams ranging in size from 2 to 40 engineers on various projects throughout my career. These teams developed hardware solutions for military, scientific, space, or terrestrial wireless applications. I have also led technology development teams to create business opportunities and technical proposals; and I have led teams performing internal research and development that focused on generating technical solutions for various customers. Many of these solutions and proposals were chosen by customers and led to some of the projects mentioned

above. Recently, my management experience has been in leading Standards development teams, which have provided technical solutions to various Standards bodies (mainly 802.11 and 3GPP). Strategic vision is an essential part of the development process for defining technical solutions and research and development activities. Also, it is essential to execute these efforts within the timing, resource, and fiscal constraints of the program to be successful and I have achieved many successes.

Experience

InterDigital Communications, Inc

Principal Engineer

June 2001 - Present (24 years 10 months)

New York, NY

current - 802.11 Standards Lead, voting member

current - WFA Standards Lead, voting member

prior - 3GPP RAN1 Lead Delegate, HSPA, LTE

prior - 3GPP RAN4 Lead Delegate (TDD, FDD)

Technology Development

System Engineering

Inventor/Co-Inventor on > 200 Granted US Patents

Layer One

Sr. Staff Engineer

2000 - 2001 (1 year)

Melville

IRAD Project Management

Cellular Systems Design and Development

Technology Development

AIL Systems / EDO

Sr. Staff Engineer

1980 - 2000 (20 years)

New York, United States

mm-Wave/Microwave Systems Engineering

mm-Wave/Microwave Technology Research and Development

Business Development

Proposal Management

Proposal Technical Development

Project Management
Engineering Management
IRAD Technical and Program Management

Education

Brown University
Sc. B., Engineering · (1976 - 1980)

Polytechnic Institute of New York (currently New York University
Tandon School of Engineering)
MS, Electrical Engineering · (1982 - 1985)