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Anthony Ekpenyong

5G NR Systems Lead @ XCOM Labs | PhD, Signal Processing for Wireless Communications



Experience



5G Systems Lead, Senior Member Of Technical Staff

XCOM Labs

Apr 2019 - Present · 5 yrs 3 mos

Greater San Diego Area

5G (NR) Cellular Systems Engineering

Skills: 3GPP · 5G New Radio (NR) · Communication Theory



Director

TGE Solutions LLC

Oct 2016 - Apr 2019 · 2 yrs 7 mos

Greater San Diego Area

Consultancy in wireless communications R&D

Skills: 3GPP · 5G New Radio (NR) · Communication Theory



Senior Wireless Expert

Datang Telecom Technology Co., Ltd.

Oct 2016 - Mar 2019 · 2 yrs 6 mos

Greater San Diego Area

Research and 3GPP standardization of 5G networks

Skills: 3GPP · 5G New Radio (NR) · Communication Theory



Principal Engineer

Cohere Technologies

Jun 2015 - Sep 2016 · 1 yr 4 mos

Greater San Diego Area

Research and standardization towards 5G.

Skills: 3GPP · Communication Theory



Member Group Technical Staff

Texas Instruments

Feb 2013 - May 2015 · 2 yrs 4 mos

Houston, Texas Area

LTE-Advanced Standardization and lead 3GPP RAN1 delegate for Uplink aspects, carrier aggregation and TD-LTE. Design and implementation of base station receiver functions and SOC architecture definition for LTE/LTE-A. Lead Delegate to Small Cell Forum Radio and Physical Layer Working Group responsible for LTE API definition/maintenance.

Skills: 3GPP · Communication Theory



Texas Instruments

6 yrs 4 mos

ASUS EX2058-p.1
Samsung v. ASUS
IPR2024-00614

- **Standards and Systems Engineer**

Oct 2008 - Apr 2012 · 3 yrs 7 mos
Dallas/Fort Worth Area

LTE and LTE-Advanced research and development. 3GPP RAN1 delegate. Algorithm design and embedded software development of base station receiver functions, including channel estimation and equalization for LTE and HSUPA.

Skills: 3GPP · Communication Theory

- **Communications Systems Engineer**

Jan 2006 - Sep 2008 · 2 yrs 9 mos
Greater San Diego Area

Responsible for 3GPP Release7 (HSPA+) standards activities
HSDPA baseband terminal system design.

Skills: Communication Theory

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