

Tae-Hyung “T” Kim

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Summary: AI/ML expert with 10+ years of experience and a proven track record in leading **technical engagements**, delivering impactful **technical presentations**, and **collaborating effectively** with diverse stakeholders, including **C-level executives**. Demonstrated experience with **AI accelerators** and **large language models**, and a **passion for enabling** customers and internal stakeholders to leverage cutting-edge AI technologies. Recipient of **multiple awards** within Google Cloud and prior roles

Awards & Recognition

- Team of the Year, APAC Customer Growth Engine Cloud Connect, Google Cloud, Q4 2024
- APAC AI Ambassadors, [Cloud GTM Regional Awards](#), Google Cloud, Feb. 2024
- NAS Champions, Bronze Winner, [Customer Empathy Award](#), Google Cloud, H1 2023
- Department of Excellence (Team), CTO Award, Korea Telecom, Oct. 2018 & Aug. 2021

Verbal Communications, Technical Writing & Presentations (Summary)

- **Language Proficiency:** English (Full professional), Korean (Native), Japanese (Bilingual)
- **Publications / Patents:** Numerous peer-reviewed publications in Neural Networks and Wireless Networks; 3 granted patents in AI and smart systems (See [LinkedIn](#) for details)
- **Presentations / Demos:** Extensive experience at workshops, events, and conferences

Demonstrated thought leadership by building and localizing repeatable assets

Customer Workshops: Kakao Brain-[JAX Workshop](#) (2024), Kyungnam University-[GenAI](#) (2024), LG Electronics-[AI 10x Workshop](#) (2024), [Kakao Brain-TPU Workshop](#) (2023), LG Electronics-[AI/ML Infra Workshop](#) (2023), Daangn-[TPU Advanced Workshop](#) (2022), Kakao Brain-[Google Cloud Brown Bag Workshop](#) (2022), [Hyundai Motor Group](#)-Google Champion Program (2022), LG AIR-[NAS Workshop](#) (2022), **Customer Events:** [Samsung Cloud Innovation](#) (2024), [Cloud Innovation Day for LG & LX](#) (2023), [Cloud Innovation Week for Kakao](#) (2023), **Developer Events:** [DevFest Cloud](#) (2024), [Cloud Summit Korea](#) (2024), [ML Community Summit](#) (2022), [Google Cloud Monthly Advanced Workshop](#) (2022), **Internal Events:** APAC [AI/ML Community Forum](#) (2022-present), [Data Cloud & Applied ML Summit](#) (2022), **Internal Enablement:** [Accelerators for Vertex AI](#) (2024), [Foundation in NLP: Milestones from ML to LLMs](#) (2024), [AI Roadshow-India](#) (2024), [AI/ML Fundamentals for Vertex NAS](#) (2022), **Conferences:** [ICCE-Asia](#) 2022 (tutorial), ICIO 2014 (invited), WCCI 2012, IJCNN 2009, SMC 2009, CIC 2002

Executive Engagements (C-level and senior business leaders)

Briefings: [Kakao Entertainment](#)-EBC (2023), [ET CIO.com-Re-imagining Tech](#) (2022), MTS (2019), China mobile-NTT Docomo (2017, 2018), AI Strategy Committee (2017), SoundHound (2017), Daimler-Benz (2016), **Demos:** Automatic LID (2018), GiGa Genie services (2016), OTV recommendation (2014), OTV dialog (2013)

Experience

AI Practice Specialist, APAC Customer Growth Engine, Google Cloud

Seoul, South Korea | Jul 2023 – Present

- Co-lead the APAC Solution Play for "[Move to Managed: Vertex AI Training & Serving](#)," **delivering technical presentations** to the internal APAC AI/ML Community and sales team
- Co-lead **discovery and planning sessions** for LG AI Research, resulting in PoCs utilizing a **large-scale infrastructure farm** of 512 NVIDIA H100 GPUs to **benchmark NVIDIA NeMo training of LLaMA 2-7B with Cluster Toolkit**; marked the world's first production use case for gSC's A3 Mega VMs, securing a \$21.53M/3yrs contract and an additional \$5.4M/2 months microwin (Q1-Q3 2024)
- Drove **AI/ML engagement with key** Kyungnam University **decision-makers** for a \$54.4M deal, successfully **influencing decisions** by shifting a strong AWS preference to Google through compelling presentations featuring embodied LLMs and Project Astra

ML Solution Lead, APAC Solutions & Technologies, Google Cloud

Seoul, South Korea | Oct 2021 – Jun 2023

- Spearheaded the initial GenAI adoption phase (Q2-Q3 2023) by:
 - leading the APAC tiger team within the GenAI Use Case Demo Working Group and collaborating globally with internal engineering stakeholders and leadership,
 - becoming a member of the first cohort of GenAI Specialists (L300) and participating in the GenAI Solution Architect Bootcamp (L400), and
 - cultivating GenAI talent in APAC by co-leading the [APAC GenAI Ambassador Program](#) and leading the [APAC GenAI Ambassador Enablement Program](#) (L200), resulting in 500 internal stakeholders within CE, PSO, TAM and Sales organizations
- Drove AI/ML opportunities, as a **trusted advisor and APAC AI/ML SME**, by demonstrating thought leadership, **enabling customers and internal teams**, and taking the initiative to build the [AI/ML Community across APAC](#) (See selected examples on page 1)

Principal Research Engineer, AI Tech Center, Institute of Convergence Tech., Korea Telecom

Seoul, South Korea | Jul 2012 – Sep 2021

- Held lead, co-lead, and participation roles in several AI/ML research and development projects, experiencing the full lifecycle of ideation, planning, **design, architecture, building, and operationalization for production AI/ML services** like the Giga Genie smart speaker and Olleh TV IPTV STB. Selected projects includes, but not limited to:
 - Machine Learning Workflow Improvement **using Kubeflow** (Apr 2020-Sep 2021)
 - Automatic Multilingual Language Identification System (Oct 2017-Oct 2019)
 - Spoken Dialog System for Smart Speaker Giga Genie (Nov 2014-Dec 2016)
 - Recommender System Architecture Enhancement for Smart STBs (Feb 2013-Dec 2014)
- Represented projects and the company, **influencing business-critical decisions by delivering presentations and demos** to a diverse audience, including researchers, **senior business leaders, and C-level executives** from within and outside the organization

Course Instructor, Department of Electrical and Computer Eng., **University of Missouri**
Rolla, MO, USA | 2006, 2007, 2010, 2011

- Intelligent Telecommunications Network Modeling (Spring 2006, Spring 2007)
- Intro. to Computer Engineering (CpE111, Summer/Fall 2010, Spring 2011)

Research Assistant, Department of Electrical and Computer Eng., **University of Missouri**
Rolla, MO, USA | Jan 2005 - Dec 2011

- **Researched and developed ML models** with supervised and reinforcement learning on:
 - Computer Go-Proxy for Key Open Challenges (NSF Project) (Jan 2008–Jul 2011)
 - The SPINDLE Disruption Tolerant Networking (DARPA Project) (Jan 2005–Jun 2006)

Interim Intern, Corporate R&D, **Qualcomm**

San Diego, CA, USA | Sep – Dec 2007

- Implemented an "Adaptive Rate Control Algorithm for High Speed 3G Wireless Network" using the C++ STL and scripting languages (Perl, Bash, Awk) in the proprietary simulator

Summer Intern, Research, **BBN Technologies**

Cambridge, MA, USA | May – Aug 2005

- Supported the implementation and testing of an event-driven network simulator in C++

Praktikum & Diplomarbeit, R&D, **Siemens Mobile**

Bocholt, Germany | Jul 2001 – Jun 2002

- Implemented new features for the open-source [NS-2](#) using C++ and scripting languages (Tcl/Otcl, Bash, Awk), and tested/improved MAC performance in Wireless Home Networks

Technical Sales, Department of Broadcasting & Professional Audio, **Sony**

Seoul, South Korea | Jan – Jul 2003

- Supported Local Roadshow (MBC), KOBA Show 2003, and HD Workflow Innovation (KBS).

Education & Honors

PhD, [University of Missouri-Rolla](#), Electrical & Computer Engineering, MO, USA | May 2012

- Dissertation: [Spatial-temporal reasoning applications of computational intelligence in the game of Go and computer networks](#) (focused on supervised and reinforcement learning)
- Best student papers, Intelligent System Center Research Symposium, MO, USA (2009)
- Travel Fellowship, Int. Conf. on Cognitive and Neural Systems, Boston, USA, (2007 & 2009)

MS, [Yonsei University](#), Electrical & Electric Engineering, Seoul, South Korea | Aug 2002

- Thesis: [Dynamic Offset Contention Window \(DOCW\) algorithm for wireless MAC protocols in 802.11e based wireless home networks](#) (focused on QoS and wireless MAC algorithm)
- Siemens Student Program, Siemens Korea (2001)
- Industry Academic Liaison Scholarship, LG Electronics (2000)

BS, [Yonsei University](#), Radio Communication Engineering, Seoul, South Korea | Feb 2000

- Dean's list (1998)