

Tae-Hyung “T” Kim

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AI/ML expert with 10+ years of experience, a PhD and a proven track record of:

- Expertise in ML and Generative AI • Verbal communication and tech writing skills, enabling clear communication of complex concepts to diverse audiences • Fluency in English and Japanese • Ability to guide developers and collaborate effectively with globally distributed teams • Passion about making cutting-edge technologies accessible and understandable • Soft skills to thrive in diverse environments.

Awards

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

Work Experience

AI Practice Specialist	Google Cloud	APAC CGE, Seoul, Korea	Jan 2024 to date
ML Solution Lead	Google Cloud	APAC Solutions & Technologies	Oct 2021-Dec 2023
Principal Research Eng	Korea Telecom	AI Tech Center, Seoul, Korea	Jul 2012-Sep 2021
Course Instructor	University of Missouri	Dep. of ECE, Rolla, MO, USA	2006-07 & 2010-11
Interim Intern	Qualcomm	Corp. R&D, San Diego, CA, USA	Sep-Dec 2007
Summer Intern	BBN Tech.	Research, Cambridge, MA, USA	May-Aug 2005
Praktikum & Diplom.	Siemens Mobile	R&D, Bocholt, Germany	Jul 2001-Jun 2002
Technical Sales	Sony	B&P, Seoul, Korea	Jan 2003-Jul 2003

Degrees

- **Ph.D.** [Univ. of Missouri-Rolla](#) Electrical & Computer Engineering **May 2012**
- **M.S.** [Yonsei University](#) Electrical & Electric Engineering **Aug 2002**
- **B.S.** [Yonsei University](#) Radio Communication Engineering **Feb 2000**

Verbal Communication Skills

Conferences: [ICCE-Asia](#) 2022 (tutorial), ICIO 2014 (invited talk), WCCI 2012, IJCNN 2009, SMC 2009, CIC 2002, **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](#) (2022-2024), [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)

C-level Executive Engagements (Presentations, Demos, Tech Discussions)

- **Executive Briefings:** [Kakao Entertainment](#)-EBC (2023), [ET CIO.com-Re-imagining Tech](#) (2022)
- **PoCs:** Automatic LID (2018), GiGa Genie services (2016), OTV recommendation (2014), OTV dialog (2013), ◦ **AI Services:** MTS (2019), China mobile-NTT Docomo (2017, 2018), SoundHound (2017), Daimler-Benz (2016)
- Others:** ◦ **Expert-Junior** AI Hackathon (2020), AI Strategy Committee (2017), Session Chair (2014),
- **Students:** AI Talent Lectures (2018), Brain Engineering Colloquium (2017), Courses (2006-07, 2010-11)

Technical Writing: Patents

[Ontology Based Intelligent Smart Home System and Method](#), 2023.08.09, 1025666070000
[Spoken Language Identification Apparatus and Method in Multilingual Environment](#), '21, KR20210081166A
[Apparatus and Method for Displaying Electric Program Guide and Server](#), 2014.07.04, KR20140083682A

Technical Writing: Publications

[Depth-Controllable Very Deep Super-Resolution Network](#) ('19), [Practical Perspective of Artificial Neural Networks as a Function Approximator, not an Almighty Black Box](#) ('14), [Modified Cellular Simultaneous Recurrent Networks with Cellular Particle Swarm Optimization](#) ('12), [Spatial-Temporal Reasoning Applications of Computational Intelligence in the Game of Go and Computer Networks](#) ('12), [Recursive and Nonrecursive Algorithms for the Group Size Counting Problem in Computer Go](#) ('10), [Investigating the Properties of Cellular Simultaneous Recurrent Networks](#) ('09), [Reconfigurable Disruption Tolerant Routing via Reinforcement Learning](#) ('09), [Robotic Go: Exploring a Different Perspective on Human-Computer Interaction with the Game of Go](#) ('09), [Dynamic Offset Contention Window Algorithm for Wireless MAC in 802.11e based Wireless Home Networks](#) ('02), [A Wireless Fair Scheduling Algorithm for 1xEV-DO System](#) ('01)

Languages

Korean (Native), **Japanese** (Bilingual proficiency), **English** (Full professional proficiency)

GenAI Training, ML Certificate and Courses

GenAI Specialist/Ambassador (L300/L200), Vertex AI LLM L400 Academy (L400), GenAI SA Bootcamp (L400+), Google Certified Professional ML Engineer (Dec 2022), and [Numerous ML courses](#)

Selected Projects in AI, ML and Generative AI

Customer PoC for LG AI Research: Training LLaMA 2-7B with Cluster Toolkit	Q1-Q3 2024
Internal GenAI Talent Cultivation: APAC GenAI Ambassador Enablement Program	Q2-Q3 2023
Customer PoC for SEA AI Research: GPU slow-down issue with NVIDIA A100 GPUs	Q1 2022
Structural Improvement of Machine Learning Service Workflow	Apr 2020-Sep 2021
Automatic Multilingual Language Identification System for GiGa Genie	Oct 2017-Oct 2019
Spoken Dialog System for Smart Speaker Giga Genie	Nov 2014-Dec 2016
Olleh TV Recommender System Architecture Enhancement for Smart STBs	Feb 2013-Dec 2014
Computer Go-Proxy for Key Open Challenges (NSF Project)	Jan 2008-Jul 2011
The SPINDLE Disruption Tolerant Networking (DARPA Project)	Jan 2005-Jun 2006