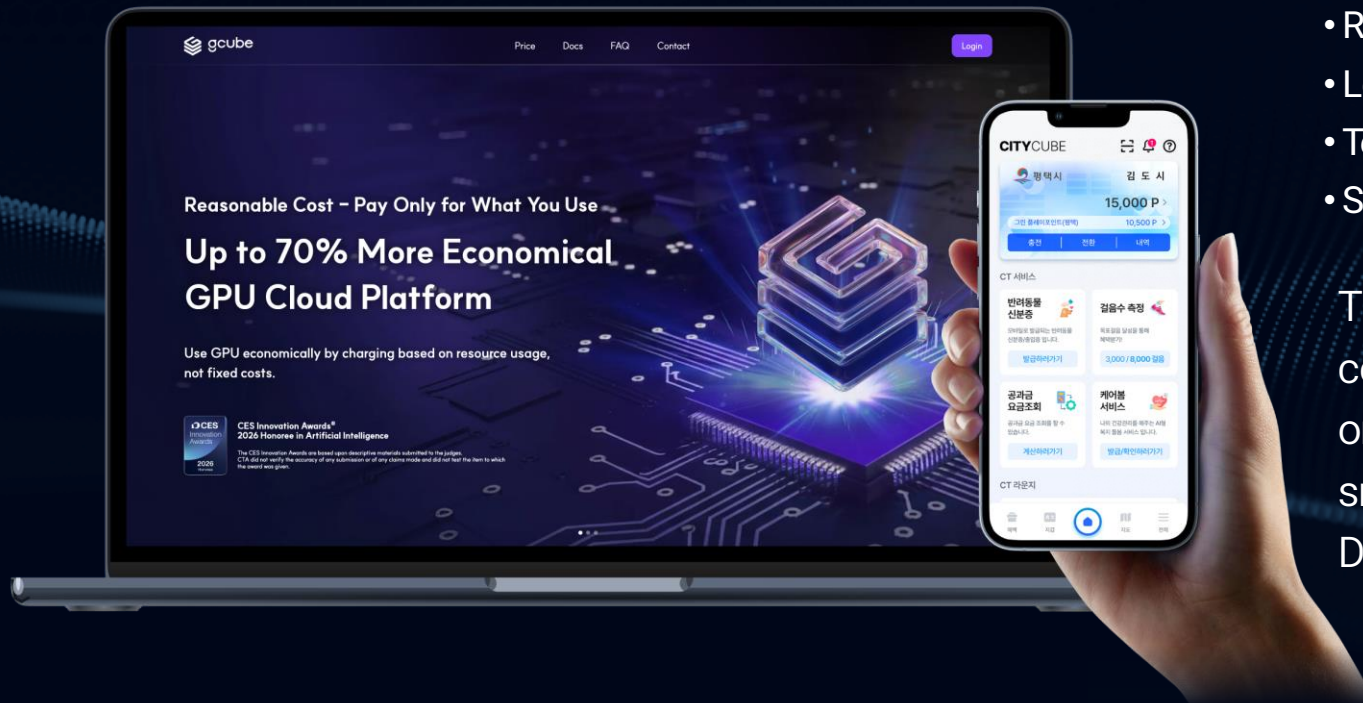


DataAlliance

Data Alliance leverages blockchain technology to connect today's complex and diverse services and businesses, unlocking the value of the sharing economy.



- Date of establishment 2016.06.17
- CEO Kwang Bum Lee
- R&D investment Accumulated 6.3 billion won
- Location 37, Seongsui-ro 22-gil, Seongdong-gu, Seoul
- Tel 82-2-469-3282
- Site data-alliance.com

Through the gcube service, we provide sustainable AI computing infrastructure services for everyone. Based on the citycube AI city service platform, we are leading smart city projects in cities such as Bucheon, Yongin, Daegu, Gwangju, and Pyeongtaek.

DataAlliance

Founded in 2016 and have 10 years expertise in IoT, LoRa, SmartCity, cloud, blockchain, AI and distributed systems

gcube.ai

Distributed GPU Integration

Smart City

Distributed Data Integration

IoT/LoRa

Distributed Network Integration

Distributed/Parallel computing

- | | |
|-------------|--|
| 2025 | <ul style="list-style-type: none"> • AI-based automotive big data analysis software (GPU cloud integration with gcube.ai) • Development of AI semiconductor integrated resource management technology (NPU-GPU cloud integration) |
| 2024 | <ul style="list-style-type: none"> • Implementation of Pyeongtaek as a green city through voluntary carbon market activation (SmartCity) |
| 2023 | <ul style="list-style-type: none"> • RE100 carbon-neutral, energy-independent smart city development project (SmartCity) • "Smart Y-Pay" to revitalize the local economy by linking private-public points with local currency (SmartCity) |
| 2022 | <ul style="list-style-type: none"> • Introduction of a blockchain platform for establishing Smart Y-Pay (Blockchain) • Development of a smart city edge AIoT platform and network infrastructure technology (AIoT) • Establishment of an integrated platform for eco-friendly mobility services (SmartCity) |
| 2021 | <ul style="list-style-type: none"> • Development and demonstration of a practical blockchain-based RE100 Aggregator system capable of tracing the origin of renewable energy (Blockchain) • Smart city mobility service utilizing MyData (SmartCity) |
| 2020 | <ul style="list-style-type: none"> • Solving urban and social issues through a social economic model and sharing platform (SmartCity) |
| 2019 | <ul style="list-style-type: none"> • Development of smart city location-based infrastructure technology and establishment of an overseas expansion strategy (SmartCity) • Development of massive real-time IoT infrastructure and network technology (IoT) |
| 2018 | <ul style="list-style-type: none"> • Development of flexible LoRa IoT network technology and location-based IoT services utilizing SDN/NFV technology (IoT) • Development of an interactive IoT service cloud platform based on the OCF standard (IoT) |
| 2017 | <ul style="list-style-type: none"> • Development of a machine learning-based technology for identifying 10 fault types for connected car services and a fault prediction information provision system utilizing IoT communication technology (IoT) |
| 2016 | <ul style="list-style-type: none"> • Research on resilient/fault-tolerant autonomous networking technology based on the physical properties, relationships, and roles of IoT devices (IoT) |

Leadership

Founder & CEO Kwang Bum Lee has 30+ years experience in engineering especially in distributed/parallel systems

CEO

Kwang Bum Lee



- Ph.D. (candidate) in computer science, Korea university
- M.S. in electrical engineering, Korea university
- B.S. in electrical engineering, Korea university
- U-Bridge Founder & VP
- RobotIS Founder & VP
- Board Member of Digital Public Service Advisory Group, NIA
- Vice Chairman of the Technology Division of the Smart City National
- Director of Korea Intelligent IoT Association

Championship at Global Robot World Cup

연합뉴스 구독

<화제> 로봇벤처기업 로봇월드컵 2연패

입력 1999.08.10. 오후 3:26

공감 댓글

기사

월드컵 2연패

(서울=연합뉴스) 이주영기자= 국내 대학원생으로 구성된 로봇벤처기업이 세계 로봇 월드컵축구대회에서 2연패의 위업을 달성했다.

로봇축구 불패 신화를 만들어가고 있는 사람들은 바로 고려대 내 산학관에 자리잡고 있는 로봇벤처기업 '로보티즈(RobotIS.대표 김병수.30)'.

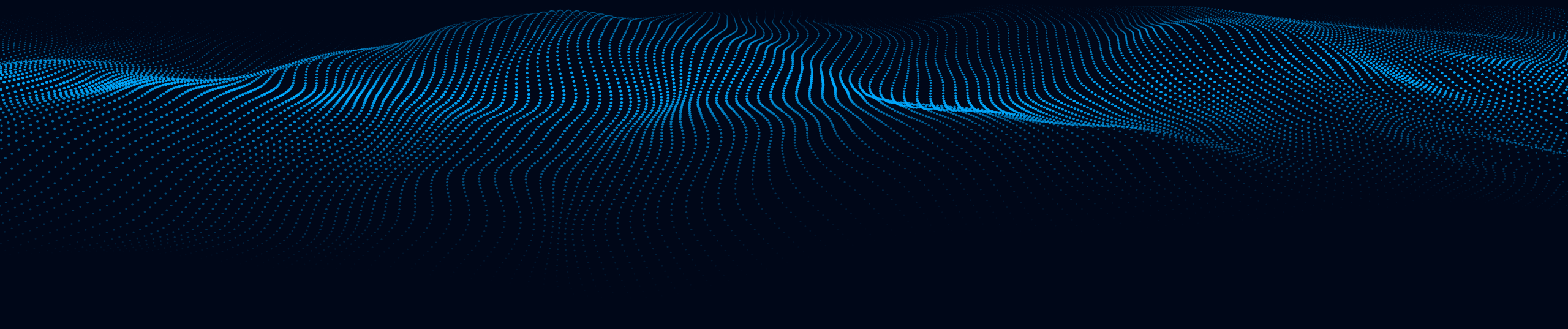
로보티즈는 2-3년전 로봇축구의 매력에 끌린 김(고려대 전기공학과 졸업)씨를 중심으로 하인용(25.고려대 전기공학과 석사과정), 이광범(24.고려대 컴퓨터공학과 박사과정)씨 등이 지난 4월 설립한 벤처기업이다.

로보티즈는 지난 4일부터 8일까지 브라질 캄피나스에서 열린 제 4회 세계로봇축구연맹(FIRA) 로봇월드컵에서 로봇 3대가 한팀을 이루는 마이로소트(MiroSot)와 소형로봇 5대가 한팀을 이루는 나로소트(NaroSot)에서 모두 우승했다.

DA Vision

**Innovate AI computing infrastructure,
be the cornerstone of global AI services through gcube.ai**

APPENDIX



IP (Intellectual Properties)

**Korean
Patents
Registered**

9

**Global
Patents
Registered**

4

**Korean
Patents
Applied**

2

**Korean
Trademarks
Registered**

1

**Global
Trademarks
Registered**

1

Registered Patents

(Patent No. 10-1891125)

"System and method for calculating service contribution of distributed network nodes"
(ROK, US, China, Malaysia, Russia, EU)

(Patent No. 10-2076647)

"IoT device control system and method using virtual reality and augmented reality" (ROK, US)

(Patent No. 10-2168163)

"Blockchain platform-based service system and method" (ROK, US)

(Patent No. 10-2250081)

"Public Ledger-Based Credential Autonomous Operation System and Method" (ROK, US)

(Patent No. 10-2325310)

"Data brokerage system and method"

(Patent No. 10-2071473)

"IoT device positioning method and system"

(Patent No. 10-1310900)

"Service information provision method, service information provision system, and service information reception method"

(Patent No. 10-1548822)

"Content transmission method in a content-based network"

(Patent No. 10-2362889)

"Method and system for providing content exposure information"

Applied Patents

(Applied No. 10-2023-0147371)

"How to train a global model using client learning contributions in federated learning." (ROK)

(Applied No. 10-2023-0167239)

"Method and device for encrypting and transmitting packets in a low-power wide area network" (ROK)

Registered Trademarks

(Trademark No. 40-1796393)

"Data Alliance" (ROK, US)