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HUMAN-COMPUTER INTERACTION LAB

Dept. of Computer Science

# MTN Ghana Tɛkyerɛma Pa Hackathon & AI Summit 2026

## Shaping an Inclusive and Accessible AI Future in Ghana

30th October 2026

Great Hall, University of Ghana

09:00AM, GMT

UNIVERSITY OF GHANA

# Programme Outline

| Time (GMT) | Activity | Responsible Person/Group |
|---|---|---|
| 09:00 - 10:00 | Arrival & Experience Preview | Events / Protocol / Agency |
| 10:00 - 10:05 | Opening & Event Framing | MCs: UG & MTN Ghana |
| 10:05 - 10:10 | Welcome address | Provost CBAS |
| 10:10 - 10:15 | Introduction of Chairperson | Director Public Affairs Directorate |
| 10:15 - 10:25 | Chairperson's welcome address | Vice Chancellor, UG |
| 10:25 - 10:35 | Overview of Tekyerema Pa Hackathon | Project Lead |
| 10:35 - 10:45 | Executive Keynote (one) | Minister for Communication, Digital Technology and Innovations |
| 10:45 - 10:55 | MTN Ghana Opening Remarks | MTN Ghana Leadership |
| 10:55 - 11:05 | Executive Keynote (two) | Minister of Education |
| 11:10 - 12:00 | Executive Panel Discussion<br>**Topic:** Shaping an Inclusive and Accessible AI Future in Ghana: Perspectives from Industry, Academia, Government and Persons with Disabilities. | Moderator & Panellists |
| 12:00 - 12:30 | Photographs, Coffee Break, Experience Zone Preview, Media Interviews | Events / Agency |
| 12:30 - 12:35 | Ghana Hub Network | Ghana Hub Representative |
| 12:35 - 12:40 | Transition to Hackathon Finale | MC |
| 12:40 - 13:15 | Presentation by hackathon Teams | Finalist Teams & Judges |
| 13:15 - 13:45 | Judges Remarks, Q & A | Finalist Teams & Judges |
| 13:45 - 14:05 | Judges' Deliberation | MC / Content Team |
| 14:05 - 14:25 | Hackathon Main Awards, Hackathon Special Awards, & Recognition of mentors and sponsors | MTN Ghana / UG Leadership |
| 14:25 - 14:30 | Closing Remarks | MTN Ghana Leadership |
| 14:30 - 15:00 | Official Photograph & Experience Zone Opening | Protocol / Agency |
| 14:30 - 16:00 | AI Experience Zone, Lunch & Networking | Zone Leads / Agency |

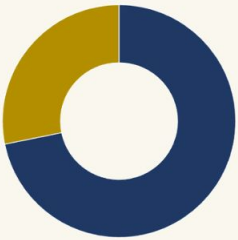
MTN | Tekyerema Pa Hackathon 2026

# The Hackathon

Challenged teams to build digital solutions that support communication in Ghanaian languages. *All solutions must be accessible.*

**131**
**Registered teams**

**Contestants by Gender**



**395**
Males

**155**
Females

**5**
**Finalist teams**

# The Journey at a glance

01 **Registration opens**
July 20

02 **Awareness campaign**
August 3 - 10

03 **Registration deadline**
August 10

04 **Online bootcamp**
August 17–September 1

05 **Ideation Sprint I & mentor reviews**
September 7 – 22 October 2026

06 **Hackathon week**
October 25–30

07 **Hackathon grand finale**
October 30

# Finalist Teams / Order of Presentation

1. **Team Code Craft**
   A diverse University of Ghana team combining Computer Science, AI, backend, database, frontend, and accessibility expertise.

2. **Team Kasapon**
   Uniting Computer Science talent from the University of Ghana and KNUST, with a shared focus on full stack development.

3. **Team Vomo**
   A multidisciplinary team from KNUST and Rarbl, blending technology, media, pharmacy, and operational perspectives.

4. **Team Nexus**
   An interdisciplinary University of Ghana team combining Computer Science, Mathematics, Political Science, and Psychology.

5. **Team Manex**
   Bringing together graduates from Academic City University and the University of Ghana, with strengths across Computer Science and Computer Engineering.

# Team Code Craft




## Team Kasapon



# Team Vomo



# Team Nexus



# Team Manex




"Do not develop for applause, Build for Impact" ~ MTN Ghana CDO

# To our mentors, thank you!

As we celebrate the grand finale of the MTN Ghana Tɛkyerɛma Pa Hackathon 2026 today, we recognise the time, expertise, and dedication you have contributed to making this journey a success.

From reviewing ideas and assessing presentations to offering technical guidance and mentoring teams, your support has helped participants strengthen their solutions and grow as innovators.

Thank you for the hours invested, the thoughtful feedback, and your commitment to developing solutions that support communication in Ghanaian languages and promote accessibility for persons with disabilities.

Today, we celebrate our finalists and the mentors who have supported them along the way. We are grateful for all you have done!

# Mentors



**Mr. Benjamin Arhin-Acquaah**

Business, Engineering & Impact



**Prof. Justice Kwame Appati**

Computer Vision & Agentic AI



**Mr. Labaran Adamu Mohammed**

Computer Vision & Agentic AI



**Prof. Augustina Naami**

Accessibility & Personalization



**Mr. Timothy Owusu**

Accessibility & Personalization



**Ms. Akosua Nyarkoa Wiafe-Akenten**

AI & Language Technologies



**Mr. Evans Kwasi**

AI & Language Technologies



**Mr. Joshua Kwabla**

Fintech & Digital Services



**Mr. Worthy Elijah**

Fintech & Digital Services, Product, Data & Digital Transformation



**Winston Nii Kwartei Quartey**

Fintech & Digital Services



**Dr. Sarah Dsane**

UX/UI



**Mr. Praise Olutuase**

UX/UI



**Ms. Tabitha Aidoo**

Product, Data & Digital Transformation



**Mrs Muriel M. Nartey**

Product, Data & Digital Transformation

# MEET OUR JUDGES



Professor Ferdinand Apietu Katsriku is a computer scientist and engineer with extensive academic experience in Ghana and the United Kingdom. He holds an MEng with Distinction in Computer Systems Engineering, an MSc in Laser Engineering and Pulsed Power Technology, and a PhD in Electrical and Electronic Engineering.
Fellow at the University of Cambridge.

Before joining the University of Ghana in 2012, he taught at Middlesex University in London, where he led the MSc Computer Networks programme. At the University of Ghana, he served as Head of the Department of Computer Science from 2012 to 2018 and led the introduction of its MSc, MPhil and PhD programmes in Computer Science.
His research has evolved from computational photonics and wireless propagation modelling to wireless sensor networks, the Internet of Things, artificial intelligence and data science. He has supervised more than 150 Master's dissertations, 25 MPhil theses and 10 PhD students to completion, and has published more than 50 refereed papers.
Professor Katsriku is a Chartered Engineer, a Member of the Institution of Engineering and Technology, and was a CAPREx Fellow at the University of Cambridge.



Mr. Kwaku Agbesi is an accomplished Sales and Marketing Strategy executive with over 15 years of varied experience providing leadership in developing strategy, operational plans, metrics, and driving effective growth and risk management for projects in varied industry sectors.
He has worked for reputable global companies such as Apple, General Electric and Google in various management roles.
Kwaku is currently the Chief Commercial Officer for Digital Umuganda, where he is responsible for enabling project teams by understanding their mission, identifying and initiating relationships with partners, negotiating new deals, and serving as a strategic resource to advance research work and product launches in Africa.
Kwaku is also a certified Project Management Professional (PMP) and has been an adjunct lecturer in Project Management at the Ghana Institute of Management and Public Administration (GIMPA) for the past six years.
He is a graduate of the Kwame Nkrumah University of Science and Technology where he obtained a Bachelor's degree in Civil Engineering. He also obtained a Masters' in Business Administration (MBA) from the Kellogg School of Management in Chicago, USA.



Michael Owusu-Asare is a disability inclusion consultant, entrepreneur, advocate, speaker, and social impact practitioner committed to advancing accessibility, inclusion, and economic opportunities for Persons with Disabilities (PWDs) in Ghana and beyond. He is the founder of No Limit Consult and No Limit Foundation, through which he provides disability inclusion training, accessibility assessments, inclusive customer service and workplace inclusion consultancy, and supports organisations to design more accessible and inclusive programs, products, services, and environments. Michael has worked with and provided disability inclusion expertise to organisations including Nestlé Ghana and Nestle Central and West Africa, GIZ, SpringBoard Road Show Foundation, Absa Bank Ghana, Zenith Bank Ghana, Gold Fields Ghana Foundation, Enterprise Group, Guinness Ghana, The Network of Independent Media Councils in Africa (NIMCA), People's Pension Trust, Student Loan Trust Fund, 24-Hour Economy Secretariat and other corporate and development-sector organisations. He has also been actively involved in conversations around financial inclusion, entrepreneurship, digital accessibility, and creating opportunities for PWD-led businesses.

Beyond his professional work, Michael is passionate about changing perceptions of disability—from a narrative of limitation and dependency to one of ability, dignity, participation, and opportunity. His approach combines professional expertise with lived experience, enabling him to bring authenticity and practical insight to conversations on disability inclusion.

Michael is also a husband and proud father to a beautiful daughter, and he believes that inclusion is not simply about creating opportunities for some people; it is about building a society where everyone can participate, contribute, and belong.

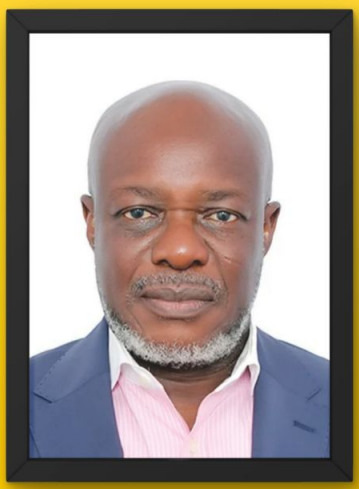
He is particularly passionate about working with businesses and institutions to move from awareness to meaningful action, making inclusion part of everyday organisational culture and practice.



Mr. Chris Dare is a product and technology leader with experience in AI and digital transformation across telecoms, fintech and healthcare. His focus is on translating emerging technologies into practical, scalable products and business value. At MTN Ghana, he leads enterprise architecture for AI/ML platforms and contributes to technology strategy, planning, and governance.

His applied research interests span agentic AI platforms and harnesses, inclusive and accessible voice AI, and recommender systems.

Chris holds a Master's degree in Information Technology from Carnegie Mellon University and a Bachelor's degree in Computer Science from Valley View University.



Tweneboa-Koduah Dickson, Esq., LL.M, MCIArb (UK) is a Barrister-at-Law, Notary Public, Certified Artificial Intelligence Expert and Managing Practitioner of 1st Chamber Law Consult, Accra. He is Co-Founder and Lead Advocate of Ignite AI Africa LBG. He is a member of the Association for Computing Machinery (ACM) and the Association for the Advancement of Artificial Intelligence (AAAI).

His AI-related qualifications include certifications in Generative AI, Prompt Engineering and ChatGPT, alongside a professional certification in Blockchain and Law. He is an Adjunct Lecturer at the Department of Computer Science, University of Ghana, where he teaches Professional and Ethical Issues in IT; a Lecturer in Commercial Law and Practice at Central University Law School; and a Lecturer in the Law of Evidence at the Ghana School of Law. He holds an LL.M in International Business Law from Staffordshire University, UK, and has over 20 years of broadcasting experience. His professional interests include AI governance, technology ethics, digital innovation and the intersection of law and emerging technologies.

# To our sponsors, thank you!

As we celebrate the grand finale of the MTN Ghana Tɛkyerɛma Pa Hackathon 2026 today, we recognise the generosity and commitment of all our sponsors.

Your support has given innovators the opportunity to develop practical solutions that support communication in Ghanaian languages and promote accessibility for persons with disabilities.

To our main sponsor, MTN Ghana, and all our co-sponsors, thank you for investing in local talent and supporting our vision for inclusive technology.

Today, we celebrate the innovations your support has helped bring to life. We are grateful for your contribution to making this hackathon a success!

#TekyeremaPa #MTNGhana #UniversityOfGhana #InclusiveAI #Accessibility #Innovation

# Sponsors

MTN Ghana

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## Thrive & Shine

Thrive & Shine LBG is an impactful nonprofit organization dedicated to unblocking access to STE(A)M education, digital/ AI literacy, and opportunities for underprivileged yet brilliant young talents across Africa. Through tailored academic scholarships, structured mentorship programs, access to digital resources and high-impact industry workshops, the organization empowers scholars to drive innovation and lead the next generation of African change-makers

**WEBSITE**
**www.thrivenshine.org**

## Pretoleum Hub Limited

Petroleum Hub Ltd (PetHub) operates a petroleum storage terminal in Tema, Ghana. We provide bulk receipt, storage, pipeline transfer, and truck-loading services for gasoline (petrol) and gasoil (diesel).
We serve bulk petroleum distribution companies and other industry partners, ensuring the safe and efficient handling of their products for onward distribution.
The terminal was developed in phases, with its truck-loading gantry commissioned in September 2024.

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## NCR Business Hub Limited

The company believes that agriculture must be treated as a business and is committed to strengthening local production, creating jobs, improving farmer incomes and contributing to food security.

NCR Business Hub Limited (NCR BHL) is a Ghanaian agribusiness and investment company focused on building commercially viable businesses across the agricultural value chain. Through its integrated business model, the company operates across six complementary business lines covering agricultural production and outgrower development, input supply and financing, commodity aggregation and trading, mechanisation and logistics, processing and value addition, and agribusiness investment and market development. NCR BHL connects farmers, investors, input suppliers, processors and markets to create efficient, sustainable and profitable agricultural enterprises.

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**CONTACT**
Joshua Hotor, CEO
Phone: 020 775 6980
Email: feelingbbrother@gmail.com

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Dept. of Computer Science

## THANK YOU FOR MAKING THE MTN GHANA TƐKYERƐMA PA HACKATHON & AI SUMMIT 2026 A SUCCESS!

On behalf of the DCS HCI Lab, University of Ghana, we sincerely thank our partners, sponsors, mentors, judges, participating teams, speakers, volunteers, and everyone who attended and supported this event.

Our vision goes beyond the hackathon. We believe Ghana must build its own intelligence using its knowledge, languages, and lived experiences, rather than continually exporting knowledge and importing intelligence.

Through this initiative, we are empowering local innovators to develop inclusive AI solutions that address our unique challenges, break communication barriers, and improve lives, particularly for persons with disabilities.

We hope the innovations and partnerships emerging from this hackathon will continue to grow and contribute to a more inclusive and accessible digital future.

Thank you for being part of this journey. Together, we are building AI solutions rooted in Ghanaian knowledge and designed for Ghanaian needs.

**DCS HCI Lab**
**Department of Computer Science, University of Ghana**

#TekyeremaPaHackathon2026 #MTNGhana #DCSHCILab
#InclusiveAI #AccessibleAI

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**LinkedIn:** https://www.linkedin.com/company/human-computer-interaction-lab/

**Instagram:** @dcshcilab

From the desk of the organizer

# THANK YOU

## for being part of the journey

To learn more about the hackathon, visit us at :

https://www.tekyeremapahackathon.com

Stay connected with the

**HCI LAB**

linktr.ee/dcshcilab

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