

WEB-3 USING HEDERA TECHNOLOGY

May 18, 2026

Workshop Overview

Microsoft Student Club – AOU presents “Introduction to Web3 using Hedera Technology”, an exclusive one-day workshop designed to introduce students to blockchain, decentralized technologies, and real-world Web3 development. In partnership with Dar Blockchain, an official Hedera ecosystem partner, participants will gain hands-on technical experience, learn from an expert blockchain speaker, and explore the future of decentralized innovation. Attendees will also receive exclusive access to premium blockchain courses (valued up to \$300) free of charge, along with an official certificate upon completing the workshop.

AGENDA

- 09:30** ● Registration
- 10:00** ● Opening
- 10:30** ● The Evolution of the Web
- 11:00** ● Inside Hedera Hashgraph
- 12:00** ● AI Meets Hashgraph: Why Autonomous Agents Need Hedera
- 01:00** ● Break
- 01:30** ● Real-World Web-3 & Startups
- 02:30** ● Carboni Renewable Energy Certificate Platform
- 03:00** ● Hands-on Lab – Your First Transfer
- 04:00** ● Wrap-up & Certification Path

Confirm your registration to sessions through this link

<https://hedera.aou.mlsaegypt.org/>



WORKSHOP PROGRAM

May 18, 2026



ENG/ MOHAMMED EHAP SHARAF

SOFTWARE ENGINEER &
HEDERA DEVELOPER

Description:

Software Engineer and Web3 builder specializing in full-stack development, DevOps, and the Hedera network. As the Technical Head of the Microsoft Student Club at AOU, with a strong passion for technical education. Certified as a Hedera Developer (HCDA & HCF), and the architect behind the official MLSA Egypt platform. Focused on bridging the gap between traditional web technologies and Web3, while empowering developers in Egypt to build scalable, real-world solutions.

Session The Evolution of the Web & Inside Hedera Hashgraph

Location GE-17, AOU, Egypt



ENG/ MOAZ ELDEGWY

AI & ML ENGINEER

Description:

AI Engineer specializing in the development of Large Language Models (LLMs), with a focus on fine-tuning, Retrieval-Augmented Generation (RAG), and agentic AI workflows. As the President and AI Lead of the Microsoft Student Club (MSC) at AOU, he leads initiatives that empower students to learn modern technologies, build technical skills, and grow their career paths in AI and software development.

With experience delivering over 65 freelance projects, his work focuses on scalable AI systems and the intersection of AI with emerging technologies. His current interests include autonomous AI agents, AI infrastructure, and building intelligent systems that combine reasoning, automation, and real-world usability.

Session AI Meets Hashgraph: Why Autonomous Agents Need Hedera

Location GE-17, AOU, Egypt



ENG/ YOUSSEF SEGHAIER

BLOCKCHAIN EXPERT &
CERTIFIED INSTRUCTOR

Description:

A dedicated expert in the Hedera ecosystem, specializing in architecting decentralized solutions and advancing Web3 education across the African continent.

Most recently, served as a Judge and Principal Mentor at the Hedera Africa Hackathon, guiding over 13,000 participants through the fundamentals and technical challenges of distributed ledger technology development.

With deep expertise in Hedera Token Service (HTS) and Hedera Consensus Service (HCS), focused on bridging the gap between complex engineering concepts and practical education—empowering the next generation of developers to build scalable, real-world applications.

Session Real-World Web3 & Startups

Location GE-17, AOU, Egypt



DR/ AMIR GERGES

HEDERA ECOSYSTEM BUILDER
& BLOCKCHAIN SPECIALIST

Description:

A Web3 and blockchain professional with hands-on experience in building real-world decentralized solutions. He is a certified Hashgraph developer and an active contributor within the Hedera ecosystem, with expertise spanning blockchain infrastructure, tokenization, and enterprise innovation.

He also led an award-winning blockchain project in a global innovation challenge, where his team developed a renewable energy certification platform powered by DLT and IoT technologies—earning \$120,000 in funding and recognition for delivering real-world impact and regulatory adoption.

Session Carboni Renewable Energy Certificate Platform

Location GE-17, AOU, Egypt

Confirm your registration to sessions through this link

<https://hedera.aou.mlsaegypt.org/>

