



Name: Grace Gathoni Mugambi

Affiliation: Jomo Kenyatta University of Agriculture and Technology

Specialization: Computer Science and Information Technology

Research Interests: Machine Learning, Data analytics and Cyber Security

Goal: To provide practical solutions to industry in the ICT field

Skills and Competence:

Vast industry experience in Business Systems Analysis, Systems engineer, Information Systems Quality Assurance, Change Management, IT Project Management, IT Consulting and Training in industry ranging from the Health, Financial, Telecom and Manufacturing industries.

Projects and research interests:

Junior Enterprise Architecture Excellence

This is a challenge organized with industry partners for students, in a bid to develop young talent and give them practical marketplace experience on the topic of Enterprise Transformation through Enterprise Architecture. Industry players interact with the students and present real-life scenarios for students to solve. Their solutions are judged by both industry and academia and winning students solutions are awarded prizes. The challenge is divided into four categories namely; Transformation Planning, Integration Architecture, Architecture for Public Sector and Cloud Architecture and poses architecture questions to the participants and subject them to a thought process that produced an array of solutions.



In 1982 **John Zachman** was credited as the brain child of what is today known as Enterprise Architecture. He created what he refers as the **Periodic Table** descriptive representation of an enterprise which is today known as Zachman Framework



Cyber Threat Intelligence Centre

This is an upcoming project that is aimed to address emerging concerns in cyber security in the local industry and regionally. It proposes that JKUAT pioneers in the setting up of an ultra-modern Cyber Threat Intelligence Center that will be a global leader for inter-disciplinary, multi-stakeholder research related to security, privacy, trust, and resilience in cyberspace. It currently has collaborations with national security agencies, private cyber security firms, the judiciary and legal sectors as well as other government stakeholders and global IT firms.



Cyber Security Strategy and Vision 2030

