PHOENIX FORGE ACADEMY (PFA)

Project

Advancing Human-Centered AI for Critical Thinking and Creativity in Education

ACTIVITIES AND IMPACT REPORT – PAST 16 MONTHS AND FOUNDATIONAL EXPERIENCES

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1. INTRODUCTION

Phoenix Forge Academy (PFA) is a Haiti-based educational initiative focused on Technology-Enhanced Learning (TEL), Artificial Intelligence literacy, digital inclusion, and competency-based education in underserved and low-resource communities.

Formally established in **January 2025**, the initiative builds on earlier educational and digital training experiences conducted between 2022 and 2024. These foundational experiences contributed to shaping PFA's human-centered educational philosophy, ethical AI engagement approach, and community-based learning model.

PFA promotes critical thinking, creativity, problem-solving, and responsible engagement with emerging technologies, particularly Artificial Intelligence, through formal, non-formal, and hybrid learning environments adapted to Haiti's educational realities.

The initiative supports learners, educators, and displaced communities by promoting equitable access to digital education and strengthening learner agency, critical thinking, and ethical engagement in technology-enhanced learning environments.

2. AI & CYBERSECURITY TRAINING – APRIL 4, 2026

Phoenix Forge Academy organized a specialized training session on **Artificial Intelligence and Cybersecurity** at Bibliothèque Michèle Tardieu, Pétion-Ville, Haiti.

Supported by:

- NFSTI (Nouveau Service de Formation aux Technologies de l'Information)
- HTS (Haiti Translation Services)

Training Objectives:

- This training aimed to strengthen participants' understanding of digital technologies, with a particular focus on responsible and secure use of artificial intelligence systems.

Key topics covered:

- Fundamentals of Artificial Intelligence
- Cybersecurity awareness and best practices
- Data protection and privacy principles
- Identification of cyber risks and digital threats
- Ethical and responsible use of digital technologies

Educational Approach:

The session combined theoretical explanation with practical discussions to help participants better understand real-world digital risks and opportunities. Learners were encouraged to critically reflect on how AI and cybersecurity influence daily life, education, and professional environments.

Observed outcomes:

Participants demonstrated increased awareness of cybersecurity risks, improved understanding of AI systems, and stronger engagement in discussions related to digital safety and ethical technology use.







3. ACADEMIC TRAINING ON DIGITAL TRANSFORMATION & ARTIFICIAL INTELLIGENCE - December 27, 2025

A high-level academic training was organized by **Phoenix Forge Academy (PFA) in collaboration with the Université Métropolitaine de Port-au-Prince (UMP)** under the theme: ***"Digital Transformation: Change and Opportunities"***

Institutional Context

This training was conducted within an academic environment aimed at strengthening students' understanding of technological change, digital transformation, and emerging technologies such as Artificial Intelligence. The collaboration between Phoenix Forge Academy and UMP provided a structured academic framework that supported meaningful engagement between learners, educators, and technology practitioners.

Key Topics Covered

- Artificial Intelligence in education and society
- Digital transformation processes and organizational change
- Ethical and responsible use of emerging technologies
- Critical thinking in technology adoption
- Opportunities in the digital economy and future skills development

Facilitation

The session was facilitated by **Phoenix Forge Academy under the leadership of Ing. Reynold Charles**, in collaboration with academic contributors from the Université Métropolitaine de Port-au-Prince (UMP).

Educational Impact

Participants actively engaged in discussions and demonstrated strong analytical thinking regarding the role of Artificial Intelligence and digital transformation in education and society. The training strengthened learners' awareness of both opportunities and challenges linked to emerging technologies, while encouraging critical reflection, ethical awareness, and informed decision-making in digital environments.







4. AI LITERACY WORKSHOP – Phoenix Forge Academy (PFA), KOZE JEN YO & APRANN ACADEMY – May 2, 2026

A collaborative AI literacy workshop was organized by **Phoenix Forge Academy (PFA) in partnership with KOZE JEN YO and Aprann Academy**, focusing on strengthening youth engagement with Artificial Intelligence and digital technologies.

Context of Implementation

This workshop was designed to support young learners and community participants in developing a critical and responsible understanding of Artificial Intelligence. It aimed to promote digital awareness, ethical reflection, and practical skills in the use of AI tools within educational and community contexts. The initiative emphasized collaboration between educational actors to expand access to AI literacy in underserved environments.

Focus Areas

- Introduction to Artificial Intelligence and its applications
- Critical thinking and evaluation of AI-generated content
- Awareness of misinformation and digital bias
- Ethical and responsible use of AI technologies
- Creative problem-solving using AI tools
- Development of digital literacy and learner autonomy
- Collaborative learning and peer exchange activities

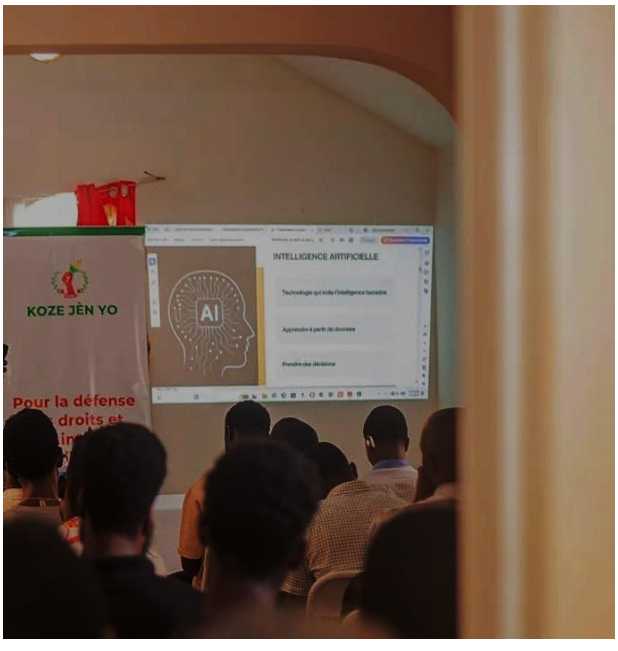
Educational Approach

The workshop adopted an interactive and participatory approach, encouraging learners to engage in discussions, group activities, and reflective exercises. Participants were guided to question AI outputs, analyze information critically, and apply reasoning skills in practical scenarios. Emphasis was placed on human-centered learning, ensuring that AI is used as a support tool rather than a replacement for human judgment and creativity.

Educational Impact

Participants demonstrated increased awareness of Artificial Intelligence concepts and improved ability to critically analyze digital content. The workshop strengthened learner confidence, collaboration, and engagement in technology-enhanced learning activities. This initiative reinforced Phoenix Forge Academy's mission to promote inclusive, ethical, and human-centered AI literacy across diverse educational contexts.





5. FOUNDATIONAL EDUCATIONAL EXPERIENCES (2022–2024)

ICT INTRODUCTION TRAINING – CABARET (NFSTI COLLABORATION)

In collaboration with the **Nouveau Service de Formation aux Technologies de l'Information (NFSTI)**, an Introduction to ICT training was organized in Cabaret, Haiti. This training, organized in 2022, was one of the foundational activities that highlighted the importance of digital literacy in the early development of Phoenix Forge Academy (PFA) and contributed to the conceptual foundation of its current AI-focused educational initiatives.

The training contributed to early digital empowerment by enabling participants to become familiar with basic technological tools and their practical applications in daily life, education, and professional environments.

Topics Covered

- Introduction to computer systems and digital environments
- Microsoft Office applications (Word, Excel, PowerPoint)
- Internet usage and online navigation skills
- Digital communication tools and practices
- Foundational information and communication technology skills
- Awareness of digital transformation and its societal impact

Educational Impact

This training helped participants develop initial confidence in using digital tools and improved their understanding of basic ICT concepts. It also contributed to promoting digital inclusion and laying the foundation for future engagement with advanced technologies, including artificial intelligence and technology-enhanced learning initiatives.









6. DIGITAL TRANSFORMATION SUPPORT – CERBIO'S MEDICAL CENTER

A digital transformation and capacity-building initiative was implemented at **Cerbio's Medical Center by the**, a medical laboratory and healthcare service center, with the objective of strengthening staff competencies in the use of digital technologies and improving operational efficiency This initiative, organized in 2023, also strengthened Phoenix Forge Academy's long-term vision of applying digital transformation and AI literacy beyond education, extending its impact into professional and institutional sectors for the benefit of Haitian society.

The training was designed to enhance digital awareness among medical and administrative staff, enabling them to better integrate digital tools into their daily professional activities while maintaining accuracy, efficiency, and data reliability.

Key Focus Areas

- Introduction to digital tools in healthcare administration
- Digital record management and documentation practices
- Use of office productivity tools for medical operations
- Awareness of emerging technologies in healthcare systems
- Introduction to digital transformation in medical environments
- Strengthening organizational efficiency through ICT adoption

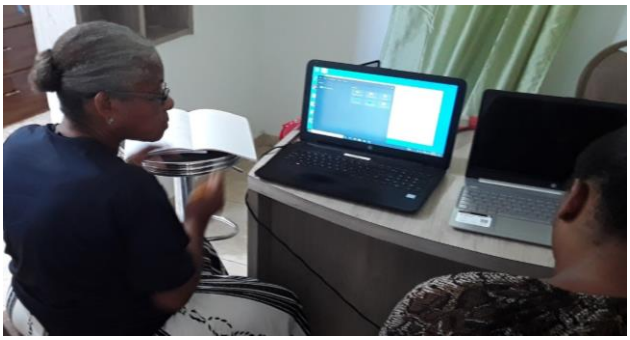
Educational Approach

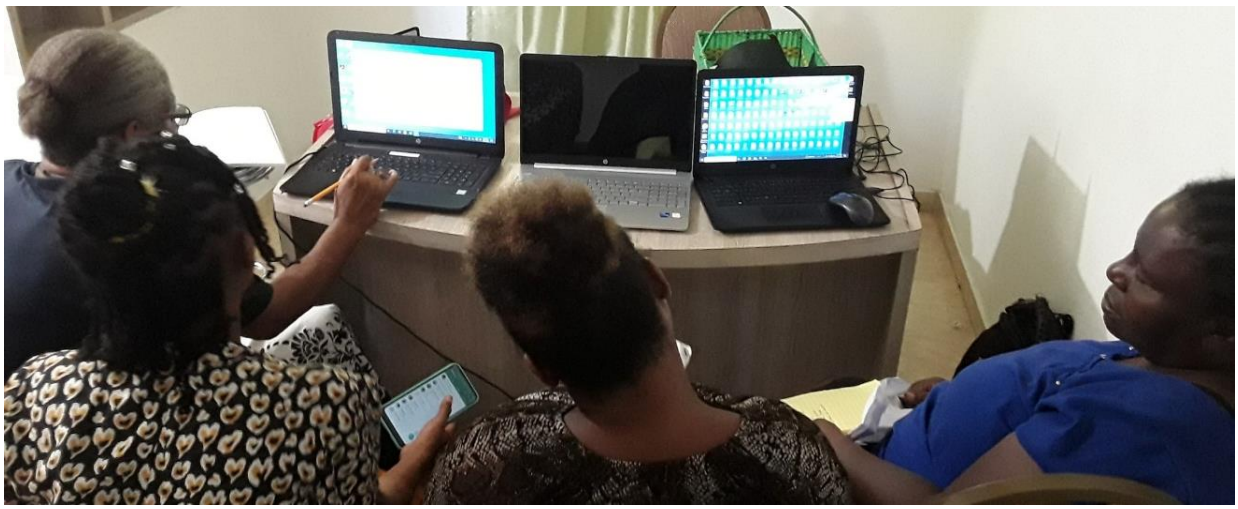
The training combined practical demonstrations and guided learning sessions to ensure that participants could directly apply digital tools in their workplace context. Emphasis was placed on simplifying technology adoption and supporting staff adaptation in a low-resource healthcare environment.

Educational Impact

The initiative contributed to improving the digital readiness of medical staff, enhancing workflow efficiency, and strengthening awareness of the role of technology in modern healthcare systems. It also reinforced Phoenix Forge Academy's mission to extend digital literacy and technology-enhanced learning beyond traditional education settings into professional and institutional environments.







7. IMPACT AND RESULTS

Since its formal establishment in 2025, Phoenix Forge Academy (PFA) has achieved significant educational and community impact through its human-centered AI literacy and digital education initiatives.

Reach and Engagement

- 800+ direct beneficiaries, including learners and educators
- 3,500+ indirect beneficiaries across community networks
- Multiple community-based and academic training sessions delivered
- AI literacy workshops and digital inclusion programs implemented
- Cross-institutional collaborations with academic and community partners

Observed Educational Outcomes

The implementation of PFA initiatives has resulted in significant improvements in participants' skills, awareness, and engagement, including:

- Improved digital literacy and confidence in using technology
- Strengthened critical thinking and analytical reasoning skills
- Increased awareness of ethical considerations in Artificial Intelligence
- Higher levels of learner engagement and active participation
- Enhanced confidence in using digital tools for learning and problem-solving
- Improved collaboration, creativity, and peer learning dynamics

These outcomes demonstrate the effectiveness of human-centered, competency-based, and AI-supported learning approaches in low-resource educational environments.

8. SUSTAINABILITY AND FUTURE VISION

Phoenix Forge Academy is committed to ensuring the long-term sustainability and scalability of its educational impact through a structured development strategy focused on inclusion, capacity building, and institutional collaboration.

Scaling Strategy

The initiative aims to expand its impact through:

- Expansion of educational programs into new communities across Haiti
- Development and implementation of teacher training programs
- Design and deployment of AI literacy curricula adapted to local contexts
- Strengthening institutional and academic partnerships
- Establishment of community learning centers in underserved areas
- Promotion of sustainable digital inclusion initiatives

Future Vision

Phoenix Forge Academy envisions an inclusive educational ecosystem where learners and educators are empowered to critically and ethically engage with emerging technologies, particularly Artificial Intelligence.

The initiative remains firmly committed to:

- Human-centered education approaches
- Ethical and responsible use of Artificial Intelligence
- Equitable access to quality digital learning opportunities
- Strengthening learner agency, creativity, and lifelong learning skills

PFA aims to serve as a scalable model for technology-enhanced education in Haiti and other low-resource contexts.

9. CONTACT INFORMATION

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