The Internship program
AIT Master's Program in Data Science and Artificial Intelligence

Goals of internship: to provide students with the opportunity to get career-related work experience allowing them to apply and develop knowledge acquired through the study program in the working environment of a selected organization (public administration, private sector, non-governmental organization, self-employment, or other). Students gain experience-based knowledge, both general and specific, familiarize themselves with different career paths, and develop a valuable network of contacts. The internship may be an opportunity to conduct empirical research in preparation for a master's thesis or research study.

Candidate Qualifications:
- Completion of two semesters of coursework.
- CGPA >= 2.75.

Duration of internship: 2 months (8 weeks)

Internship description:
1. The intern should meet with a representative of the selected organization (his or her mentor) where the internship will be performed. The intern and mentor should have a discussion regarding the internship program, scope of responsibilities, and tasks to be performed during the program. The work should be related to data science and/or artificial intelligence R&D.
2. The intern should study the internal organizational regulations in place at the workplace. He or she should understand the organizational work structure, processes and procedures, and the relationship with the data science & AI work, leading to insight into the data management processes in the organization.
3. The intern should perform the tasks assigned according to the plan discussed with the mentor at the beginning of the internship under the supervision of the mentor or another assigned representative of the organization.
4. The intern should keep a daily work log detailing the work he or she is performing and include active critical reflection on what he or she is learning and what he or she is contributing to the organization through the work experience.

Internship Focus Areas:
- Data analytics, optimization, and business intelligence
- Cloud computing, data storage, data engineering
- Enterprise systems incorporating data driven decision making
- Intelligent system design, implementation, and testing
- Other technology tasks and responsibilities as assigned by the organization.

Mode of assessment: After completing the internship, the student is required to prepare an internship report describing the tasks performed during the internship, the student's contribution to the organization, and the learning experiences he or she obtained. The internship report should refer to the learning outcomes designed for the Master's program in Data Science and AI. Before submission, the report must be approved and confirmed by a designated representative of the organization where the internship was held (usually the mentor). On submission of the report, the student should schedule a presentation of his or her internship to a faculty committee, which will accept the report or request further information. Once accepted by the committee, the DS&AI program administrator will record the successful completion of the internship as one of the student's requirements for graduation.