



Professional Development & BI- infused CRM

People Develop Countries... We Develop P.E.O.P.L.E.

Program Admission Arrangements

Who May Apply?

- All University Graduates especially Computer Science and Engineering Graduates and Applicants willing to expand their skills and knowledge.

Prerequisites

Candidates will have to complete the following prerequisite courses to join our program:

- An Introduction to Programming by studying this course at Coursera “An Introduction to Programming” <https://www.coursera.org/learn/intro-programming>
- Computer Programming Tutorial at https://www.tutorialspoint.com/computer_programming/index.htm
- Intro to SQL: Querying and managing at <https://www.khanacademy.org/computing/computer-programming/sql>
- other resources that you prefer Web Fundamentals at <http://www.maharatech.gov.eg>
- ITI values that could be found here: [http:// www.iti.gov.eg/Site/AboutUs](http://www.iti.gov.eg/Site/AboutUs)

Selection Process

- **Phase 1: IQ and Problem-Solving exam | English exam**
- **Phase 2: Technical Exam**
Computer-based technical exam in the field of your interest
- **Phase 3: Technical Interview**
Those applicants would be discussing with the interviewing panel their pre-work -“Before You Apply”- in a one-to-one interview
- **Phase 4: Interpersonal Skills Interview**
Those who pass phase 3 will be promoted to this interview

Delivery Approach

- 20% Self-paced | 40% Online | 40% Guided Practices
- Project Based Focused Journey
- Your Mentor supports throughout all the learning journey

Students' Deliverables

- Each student must deliver at least ONE **freelancing** job and an international **certificate** based on his track



Professional Development & BI-infused CRM Track

1 Programs Offered

- ☑ **Professional Training Program:**
 - Professional Web Developer & BI
- ☑ **Intensive Code Camps:**
 - NET Full stack Development
 - PowerBI Developer
 - MEAN Stack Developer
- ☑ **Undergrads Summer Camps**
- ☑ **Online Services (MaharaTech, ITI Tech Leap)**

2 Industry/Academy Stakeholders

- AAIB

3 Targeted Outcome

- **Employability**
 - VOIS
 - Orange Egypt
 - Link Development
 - Etisalat Misr
 - MidBank
 - AlexBank
 - Khatib & Alam
 - Fawry
 - Aman
 - Takseet
 - Cross Workers
 - EJada
 - Valeo
 - CyShield
 - Giza Systems
 - Deloitte
 - Obeikan
 - Noon
 - EFGHerms
 - IBM

4 Certifications

Data analyst (Microsoft certificate)
Exam 70-778: Analyzing and Visualizing Data with Microsoft Power BI
Analyzing Data with Microsoft Power BI
MS (AZURE)
Amazon (AWS)
Exam 70-467: Designing Business Intelligence Solutions with Microsoft SQL Server
MCSE: Business Applications(CRM Dynamics)

5 Graduates Job Profiles

Microsoft .Net Full Stack Web Developer

is a programmer or technical person who can work within the software development process and is knowledgeable in the application's front and back end. In addition, a full-Stack .Net Developer must have good knowledge of databases, server configuration, and user interface.

Microsoft Cloud Application Developer

Microsoft Cloud Application Developer is not a specific person but rather a role-based certification offered by Microsoft. It is designed for developers who create and maintain cloud applications on Microsoft Azure

Microsoft CRM Dynamics Developer

A Microsoft Dynamics CRM Developer is a professional who specializes in tailoring and enhancing the Dynamics CRM/ERP platform to meet specific business needs¹. Microsoft Dynamics is a suite of customer relationship management (CRM) and enterprise resource planning (ERP) application.

Business Intelligence Developer

a professional who has expertise in business intelligence. Business intelligence (BI) is the process of analyzing data to help organizations make informed decisions.

Frontend Developer

A Front-End Developer is someone who creates websites and web applications. The difference between Front-End and Back-End is that Front-End refers to how a web page looks, while back-end refers to how it works.



Professional Development & BI-infused CRM Track

1071 Hours

Program Content Structure

Software Development Fundamentals & Essentials

- Operating Systems Fundamentals
- Introduction to Computer Networks & Cyber Security
- Data Structures and Algorithms
- Database Fundamentals
- Introduction to Programming
- Introduction to Software Engineering
- Object-Oriented Programming Concepts
- XML Fundamentals

Front End & Mean Stack

- Client-Side Technologies
- HTML5 & CSS3
- Responsive Web Fundamentals
- jQuery Fundamentals
- Angular Fundamentals
- Node.js Fundamentals
- MongoDB
- ES.Next
- Advanced JavaScript

.Net Core & Web Application Development

- IIS Administration
- Visual C# .Net
- Advanced SQL Server Programming
- Language Integrated Query(LINQ)
- Windows presentation foundation
- ASP.Net Core MVC
- ASP.Net Core Blazor
- ASP .Net Web APIs
- Introduction to gRPC on .Net Core
- ASP.Net SignalR
- Entity Framework 6 & Core
- Introduction to MS - Azure
- Microsoft Azure DevOps
- Microsoft Azure Developer

Software Design Methodologies

- Agile Software Development Methodologies
- Devops (Elective Course)
- Object Oriented Analysis & Design using UML
- SOLID Design Principles & Implementations
- Unit Testing
- .Net Design Patterns
- Source Control

Business Intelligence

- Microsoft SQL Server - Business Intelligence
- Power BI
- Introduction to Data Mining Algorithms
- Introduction to Data Warehouse
- Calculus & Statistics Concepts

Microsoft Dynamics CRM

- Power Platform & Dynamics 365 CE (CRM)
- Advanced Power Platform & Dynamics 365 CE (CRM)
- Power Apps
- Dynamics 365(Sales, Customer Service)

Soft Skills Courses

- Communication Essentials for Professionals
- High Impact Presentations
- Job Seeking Skills
- Professional Demeanor (Workshop)
- Best Practices For Remote Working (Workshop)
- Progressive Teamwork and Leadership Skills (Workshop)

