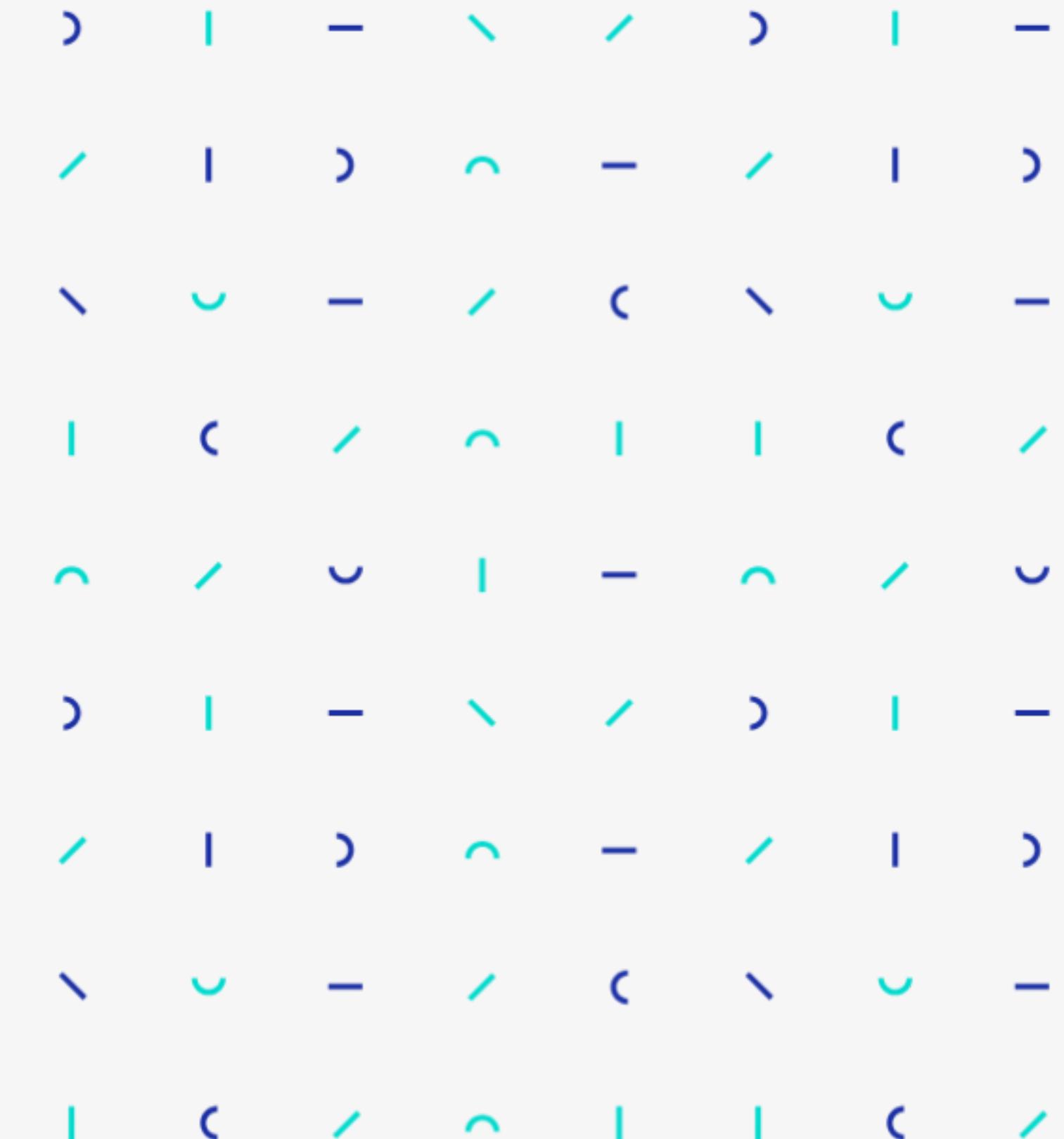


# Software Engineering Content (100 hours)

5000 L.E



## Instructors



We have more than 50 qualified Instructor and trainers we are able to deliver high quality training programs to our students



## Students

We trained more than 10,000 plus students and helped them to start their tech career through our expert career guidance counselor .

## Branches



today we have 5 branches across Cairo, Giza and Alexandria .

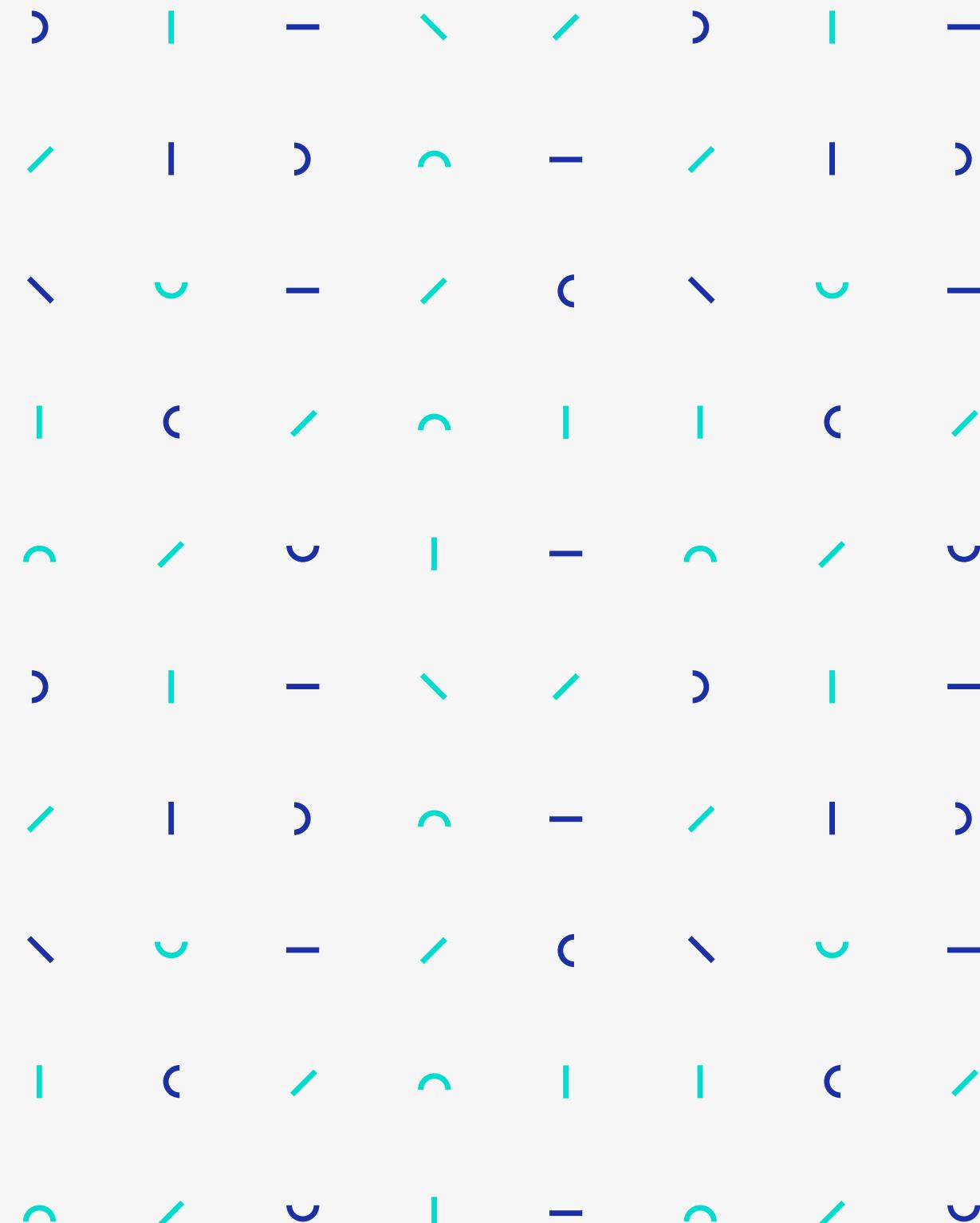


## programs

Our programs provide more than 20 tech disciplines that cover a wide technological spectrum including for example but not limited to data science to web development and UX Design

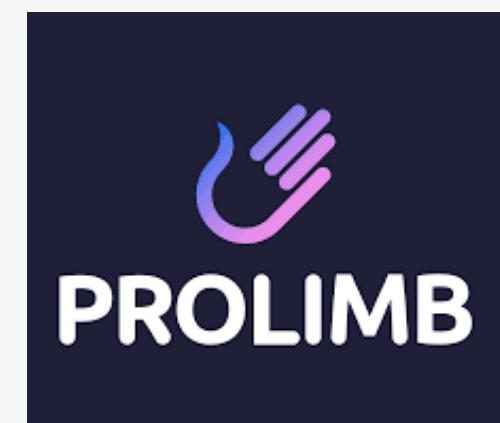
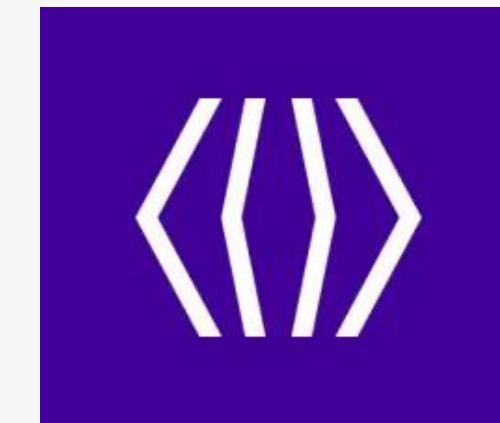


# Our Education Programs



- 01 Professional Mentors
- 02 Constantly Updated
- 03 Practical Projects
- 04 Interactive workshops

Our  
Instructors  
worked for



Programming 1  
(with C++)

1D Arrays

C++ &  
OOP

Data  
Encapsulation

Data  
Abstraction

Introduction to  
computer science

2D Arrays

Object oriented  
programming  
(with c++ & java)

Inheritance

Templates

Data types

Enumeration

Classes

Composition

Polymorphism

Operators

Functions

Objects

Function Overloading  
& Function Overriding

Pointers

If Statement &  
Switch Case

Recursion

UML  
Class diagram

Static Members &  
Static Methods

Exception  
handling

Loops

String

Struct

Files

Operator Overloading

# Data structure

Complexity of time and space

**Set**

Sorting Algorithms

Linked list

Areay list

Big O Notation

**Stack**

- Bubble

- Single

Binary search tree

**STL**

**Queue**

- Selection

- Double

DFS & BFS Algorithms

**Vector**

Stack & Queue based array

- Insertion

List

Hash table

**Map**

Algorithms Paradigms

- Merge

Searching Algorithms (Linear & Binary Search)

**Graph**

## Database systems

- Introduction to Database

- Database development process

- Modeling database

- Logical database and relational model

- Database design and performance

## • SQL

- SQL set operations

- SQL Aggregation

## Python

- Python Basics (Data Types, Conditions, Arrays, Loops)

- OOP In Python

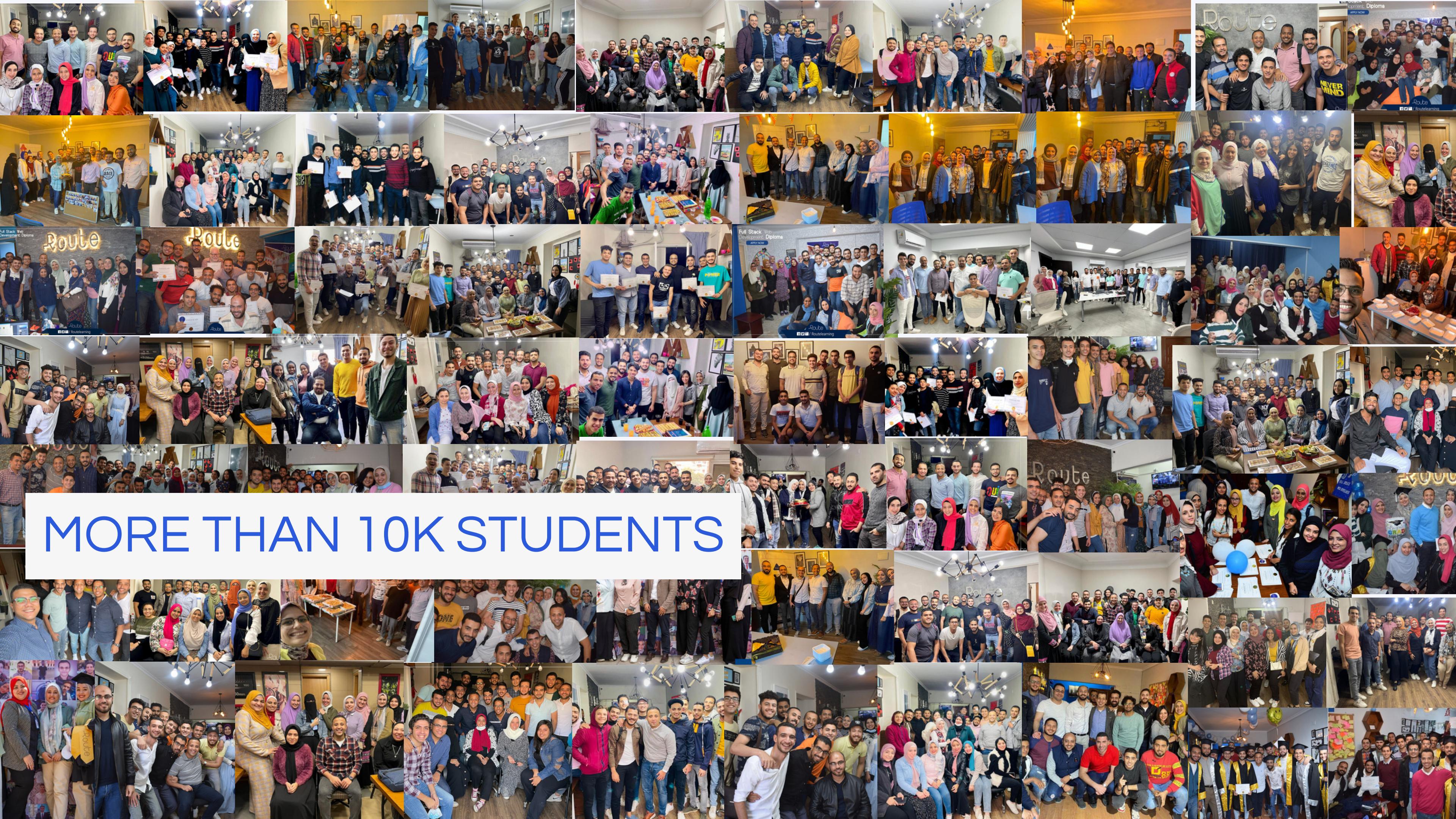
## SOLID Principles

## Design Patterns

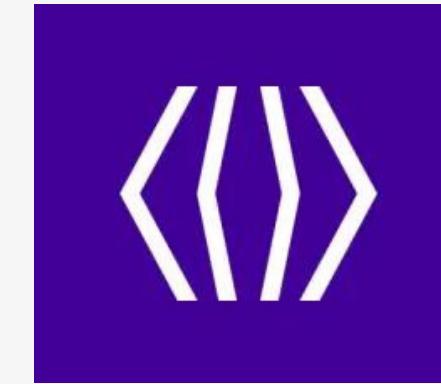
## Agile Concepts

## Unit Testing Overview

# MORE THAN 10K STUDENTS



# Our Students worked for



# Our Partners



# Our University Training

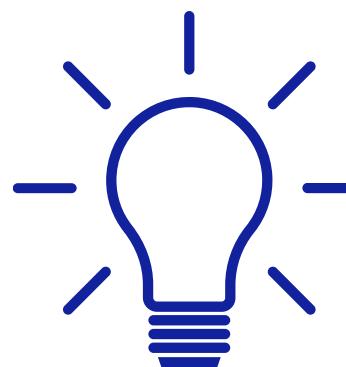


# Job Fair

Our Events

## Route Tech Summit

the opportunity to meet with corporate representatives of participating companies, and explore and apply to available job and internship opportunities.



سعودي  
SEOUDI

Route

سعودي  
SEOUDI

Route

سعودي  
SEOUDI

FMG DXC  
agency TECHNOLOGY

CV For Career  
Consultation

FMG DXC  
agency TECHNOLOGY

CV For Career  
Consultation

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OON

SUGAR BITES

CAREER180

talents arena

SUGAR BITES

CAREER180

talents arena

SUGAR BITES

CO  
EGYPT

Top Tech Talents

Route

CO  
EGYPT

Top Tech Talents

Route

CO  
EGYPT

elharefa  
الحريفة

FREELANCE YARD

WideBot

elharefa  
الحريفة

WideBot

WideBot

elharefa  
الحريفة

# ROUTE TECH SUMMIT



اذيك يا بشمهندس واحشني والله

7:01 PM

انهارده اول يوم ليا full time job بعد شهر

تدريب نفس الشركه الحمدلله و الفضل

ليك و للبشمهدسه ايه و route عمتا و عاوز

اقولك ان معايا فالشركه اكتر من حد من

route

7:02 PM

ماشاء الله الف مليون مبروك يا هندسه

## TRUST PROGRAMS

ولا السلام عليكم ثانيا انا عارفه انها  
جات متاخر بس لازم اقول كلمة حق انا  
اخد معاكم كورس فروند اند انجولار و  
بعدين اخد جزء الرياكت و انا حاليا  
شغاله ف شركة بقالى ٨ شهور و بجهز  
ورقى دلوقتى عشان اسافر اشتغل بره  
فشهادتى فيكى ديمى هتكون مجروجه  
انتوا اكتر مكان مندمتش انى روحته



ya bashmohnds

ana 3mlt 2day 3 interviews | nas

5rgen route academy



ماشاء الله 😂

كانوا كويسيين بقى ولا ؟

ماشاء الله الف مبروك يا عبده فرحتني جدا

والله ❤️

3:44 PM ✓

سلام عليكم

اخبار حضرتك اية

Hossam unsent a message

انا قدمت في شركة (React Developer) واتقبلت

اذيك يا هندسه عامل ايه واحشني والله  
انا الحمد لله ربنا كرمي بعد فضل ربنا  
وفضلك بشغل في شركتين وحبيت  
اشكرك والله يا هندسه ايفضل خيرك  
عليا لحد ما اموت



اذيك يا بشمهندسىسسسسسس

حضرتك انا اشتغلت الحمدلله وده بفضل

حضرتك في كورس الفرونت اند الاسئلة في

الانترفيو مخرجتش خالص عن شرحك

والحمدلله ربنا وفقني وقبلوني انا بس جاي

اشكرك لاني بجد اتعلمت منك كتير اكتر

من الجامعة والله 😁

3:23 PM



3:23 PM

Thanks  
can't wait to see you !

We're here to support you!  
Email us at [routeegypt@gmail.com](mailto:routeegypt@gmail.com)  
for comments or questions.