

Giza, Egypt

Tasneem Toolba

(+20) 1119291122
tasneemsherif23@gmail.com
[Github](#)

EMPLOYMENT

Flutter Developer	Hello Move	Spring 2022 - Spring 2023
<ul style="list-style-type: none">Developing and maintaining the company's service for mobile, the app is available on (App Store, Google Play, & App Gallery).		
Flutter Developer	FreeLancing	Jan 2022 – May 2022
<ul style="list-style-type: none">Working as a freelancer Flutter Developer, some projects were private.		
Flutter Developer	DevStack	Mar 2021 – Dec 2021
<ul style="list-style-type: none">build Flutter applications depend on Customer's desire		
Problem Solving Coach	SOI2020	Sep 2020 - Dec 2020
SOI2020 (Saudi Arabian Olympiad in Informatics)		
<ul style="list-style-type: none">Teaching primary and secondary students basics of C/C++, Competition programming approaches, and basics of algorithms and data structures		

EDUCATION

Innopolis, Republic of Tatarstan	Innopolis University	Fall 2019 – Jun 2023
<ul style="list-style-type: none">B.S in Computer ScienceCoursework: Total Virtualization; DevOps; Blockchain; Information Retrieval; iOS Development in Swift; Cross-Platform Mobile Development With Flutter; Introduction to Machine Learning; Introduction to Artificial Intelligence; System and Network Administration; Enterprise Programming on Javascript; Probability and Statistics; Compiler Constructions; Advanced Compiler Construction; Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Applied Economics; Calculus III; Lean Software Development; Fundamentals of Software Engineering; Distributed Networking Programming; Programming Paradigms, Software System Analysis and Design		

TECHNICAL EXPERIENCE

Projects

- Compiler**: a compiler for a user defined functional programming language.
- Digital Library**: a digital library where you can keep courses' content, either text or video form, online.
- InnoTutor**: a cross platform application that helps students within same university to help each others in university's courses, by participating as a tutor to earlier/younger years, and paying them back using university's digital currency(Inno points)
- FinnData**: a stock app that allows you to search and receive informations about stocks.

ADDITIONAL EXPERIENCE AND AWARDS

- Top 5 in the TV program "Cairo innovates" in 2019.**
- Golden medalist in EOI2017**: Top 4 in egyptian Olympiad Informatics.
- First place in RoboGames 2017 on Egypt.**

Languages and Technologies

- Haskell**: [untyped expressions, functions, and nameless representation](#),
- Python(Django, & web3/blockchain)**: [DynamicNFTMinterBot](#), [DjangoProject](#), [PrayerBot](#), [Digital Library](#), [Databases](#),
- C/C++**: [Compiler](#), [Operating Systems](#), [Matrix Fraction](#),
- iOS/Swift**: [Habits](#), [ToDoList](#), [DataCollection](#), [AnimalKingdom](#), [iOSFundamentals](#)
- Flutter/dart**: [WeatherApp](#), [FormApplication](#), [CleanHabits](#), [OnlineChatRoom](#), [FinnData](#), [ChuckNorris](#)
- DevOps(K8s, Terraform, Vagrant, & monitoring)**: [Best Practice](#)
- Verilog**: [FPGACalculator](#)
- TypeScript**: [RecipeSearch](#)