

Giza, Egypt

# Tasneem Toolba

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[Github](#)

## EMPLOYMENT

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<b>Flutter Developer</b>	<b>Hello Move</b>	<b>Spring 2022 - Spring 2023</b>
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- Developing and maintaining the company's service for mobile, the app is available on (App Store, Google Play, & App Gallery).

<b>Flutter Developer</b>	<b>FreeLancing</b>	<b>Jan 2022 – May 2022</b>
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- Working as a freelancer Flutter Developer, where I built a sip app, wrote tests & built other projects.

<b>Full Stack Developer</b>	<b>DevStack</b>	<b>Mar 2021 – Dec 2021</b>
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- build Flutter applications depend on Customer's desire, using firebase apps and django for backend.

<b>Problem Solving Coach</b>	<b>SOI2020 &amp; EOI2020</b>	<b>Sep 2020 - Dec 2020</b>
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SOI2020 (Saudi Arabian Olympiad in Informatics)- EOI (Egyptian Olympiad in informatics)

- Teaching primary and secondary students basics of C/C++, Competition programming approaches, and basics of algorithms and data structures

## EDUCATION

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<b>Innopolis, Republic of Tatarstan</b>	<b>Innopolis University</b>	<b>Fall 2019 – Jun 2023</b>
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- B.S in Computer Science
- Coursework:[Software Reliability](#), [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, I contributed in the main code.
- [Digital Library](#): a digital library where you can keep courses' content, either text or video form, online, I contributed in both the frontend and backend.
- [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), I did the frontend in Flutter.
- [FinnData](#): a stock app that allows you to search and receive informations about stocks, it was in flutter.
- [RecipeSearch](#): the frontend was in React, and it's an app that helps you to find cuisine's recipe.

## 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(Backend/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, Docker, & monitoring): [Best Practice](#)
- Verilog: [FPGA Calculator](#)
- TypeScript(frontend in React): [RecipeSearch](#)