

# Michael Tawfik

Computer Science Student

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## Professional Summary

Computer Science student and versatile developer with practical experience using **Kotlin, Java, C, Python, and Bash Scripting**, along with tools like **Git, Docker, and PowerShell**. Interested in automation, system design, and clean architecture. Continuously expanding cloud knowledge and passionate about solving real-world problems through efficient, scalable solutions.

## Education

### Computer Science

Eötvös Loránd University

GPA 4.04/5

09/2024 – 06/2027 | Budapest, Hungary

- Focus: Software Development, Algorithms, Systems Programming
- Developed multi-paradigm projects in Java, C, and Haskell with strong emphasis on performance and architecture.
- Applied scripting and automation (Bash, PowerShell) to solve system-level tasks and streamline development.

### Business Informatics and Digital Transformation

Helwan National University

- Completed one year in Business Informatics and Digital Transformation with a GPA of 3.5/.0.

09/2023 – 08/2024 | Cairo, Egypt

## Skills

### Programming Languages

Java, C, C++, Python, Haskell, C#, HTML, CSS, JavaScript

### Tools & DevOps

Git, GitHub, Docker, Bash, PowerShell

### Android Development

Kotlin, Jetpack Compose, XML, Firebase

### Algorithms & Data Structures

### Object-Oriented Programming

Encapsulation, Inheritance, Polymorphism, Abstraction

### Testing

JUnit 5, Unit Testing

### Design Diagrams

Class Diagrams, Use Case Diagrams, State Diagrams, Activity Diagrams

## Languages

### English

C1

### Arabic

Native

### German

A2





### Hungarian

B1

## Certifications

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### Certifications

- Android Developer Diploma | **Russian Culture Center**
- Kotlin Bootcamp for Programmers | **Udacity**
- Advanced Android with Kotlin | **Udacity**
- Developing Android Apps with Kotlin | **Udacity**
- CS50 | **Harvard University, EDX**
- Problem Solving (Basic) C Programming Language | [HackerRank](#) 
- Problem Solving (Intermediate) C Programming Language | [HackerRank](#) 
- DevOps 101 | [Simplilearn](#) 
- GIT Training | [Simplilearn](#) 
- Introduction to Linux | [Simplilearn](#) 