

# AMR TAREK

15 Mostafa Badway st, El-Haram, Giza, Egypt · amrtarekmo@gmail.com · +201141418495 ·  
<https://www.linkedin.com/in/amrtarekmo>

## EDUCATION

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### Faculty of Computers and Information - Cairo University

Major Computer Science

Fall 2015 - May 2019

## EXPERIENCE

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### Badgewell

Software Engineer Intern

April 2019 | Present

- Implemented a POC Recommendation System using Python, Pandas.
- Working on Implementation of a Recommendation System using Apache Spark, Elasticsearch, Apache Cassandra.

### ThinkBig!

Blockchain Developer Intern

July 2018 | September 2018

- Researched extensively about different blockchains like Bitcoin, Ethereum and Steem.
- Developed a Minimal Viable Product (MVP) blockchain based protocol with associated utilities (Including web-based applications and documentation).
- Implemented Smart Contracts using Truffle Framework, Ganache & MetaMask

### ACM FCI-CU Student Chapter

Junior Tutor

Cairo University

2018

### Fekra

Public Relations Member

Cairo University

2016

## SKILLS

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Tech Skills:	C++, Java, Solidity, Python, Linux
Web & Design:	JavaScript, MySQL, HTML, CSS
Concepts:	OOP, Data Structures, Algorithms, Parallel Programming, Machine Learning
Foreign Languages:	English

## PROJECTS

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### Decentralized Social Network Rust, Holochain, Angular 7, TypeScript

<https://github.com/ThinkBigEg/Holoster>

Decentralized Social Network built on blockchain alternative.

### Online Store Java, Spring Boot, Angular v4, H2 Database

Developed an Online store platform with store fronts, shopping cart, checkout and payment selection

### Face Detection Classifier Python, Keras

Face Detection Classifier using Neural Network and Convolutional Neural Network

### CRUD Website HTML, CSS, JavaScript, PHP, MySQL

Developed a Dynamic CRUD website (Create , Read , Update , Delete)

### Treasure Hunt Game C++

Developed a console-based multiplayer Game where Monsters hunt for Players

## AWARDS

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### 1st place in BETH Blockchain School for Sustainability Hackathon ETH Zurich - Switzerland

Implemented a Blockchain Time Banking System using Solidity, Python, Flask, React.

Feb 2019

### Top 4 in Egypt 2030 Hackathon

United Nations & Pepsico

Building blockchain-based Mobile App Solution for Hunger in Egypt and trying to reach zero hunger by 2030

April 2019

### Vodafone 010 Hackathon

Vodafone Egypt

Built a consortium Blockchain Web application using Solidity, Python, Flask.

Sep 2018

Competed in Google Code Jam Online.

2017 & 2018

Competed in ACM ICPC Egyptian Collegiate Programming Contest, AAST, Alexandria

2016 & 2017

Ranked 7th in the Catalyst coding contest, GUC, Cairo.

2017