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| EXPERIENCEEiney Software Inc., Heliopolis—Android and Java DeveloperJan 2018- september 2019Barclays Bank Of Egypt, City Stars Head Office IT— *Trainee*June 2017 - August 2017 A training period at a well established bank that enabled a better understanding of business process and how they translate into the technical world. Abwab kids club, 6th of October— *Assistant*March 2012- May 2012 My job tasks included: handling scheduling, technical support, affirmation and cancelation of events and managing documents. EDUCATIONUniversity of Greenwich, London— *Senior, Computer Sciences Major*2015 - Current MSA enables me to study in both Universities simultaneously. University of Modern Sciences and Arts, October— *Senior, Computer Sciences Major*2015 - Current Minoring in Software Engineering. Tahreer Experimental Language Schools (Previously Mubarak)— *Highschool, Middle School*2009 - 2015PROJECTS[basicBlog](https://git.io/Je81p) — *Laravel* This Project was a study for Laravel and its tools, where I utilized Laravel Authentication, Modeling, etc. to create a basic blog that allows separate users to log in, view existing posts, post and edit their own posts without affecting other people’s content and making sure the site is secure and no back end can be reached. [G-Store](https://git.io/Je8MU) — Native PHP This Project was a study for native PHP, CSS, JS and SQL which in i attempted to create an e-commerce site using as few tools as I can, adding most native styling possible and overwriting some Bootstrap CSS attributes to style components as uniquely as desired. This site enables you to place orders on shop items. Offline confirm payment method, profile customization, etc. [eMenuApp](https://github.com/AbdulrahmanGameel/eMenuApp)— *Android* A supporting application to ESI’s “ESI POS” system. The application signs the staff in and allows them to take orders through the tablet, it registers them in the system’s database and pushes them through to the preparation stations. [eMenuServer](https://github.com/AbdulrahmanGameel/eMenuServer-)— *Java* The server that handles eMenuApp, communicates with the database, parses JSONs and secures requests. [Tic Tac T-uh-oh](https://drive.google.com/open?id=1zVlaoSZHffIwGl4uz7_trI3m-Wok271l) — *AI* A *SIMPLE* AI Python script that plays Tic Tac Toe against a player, it asks you who goes first, you or it. Then at the beginning of each turn it asks for a cell number (from 1 to 9), checks the validity of this cell, then places your mark, plays its mark in the best available position. Highest priority if it can win, then if it can block the other player from winning, then taking one of the corners, then the center then least priority are the sides. [Blue’s Compiler](https://drive.google.com/drive/folders/1Txout6LGlb9qlvU5M6E-iHXpBXnSmGr9?usp=sharing) — *Compiler Design* A basic compiler that reads java code and gives you output, only works with certain and limited statements. [Back Propagation Study](https://drive.google.com/drive/folders/1XPNCewlI8KzxmAbSe8MJ3aAekLKTZzi-?usp=sharing) — *Neural Networks* An implementation for backpropagation with Momentum using python and a dataset. [Disk Scheduling](https://drive.google.com/drive/folders/15muYpb7Q3ywF0cpuX9ayi8SaU7Bp3Y9U?usp=sharing)—*Simulation* A simple project that simulates different operating systems disk scheduling algorithms. This project uses the strategy pattern.  The following disk scheduling algorithms have been used:  - FCFS, SSTF, SCAN, CSCAN (Circular SCAN)  - LOOK, CLOOK (Circular LOOK). [*Blue*-cket Tanks](https://drive.google.com/open?id=1A0SbeXLyvY36TWZGVMsHMXGaKQrIzLXK) — *VS* *C# Graphics*  A Raw 2D Game only using **basic** graphics (without any libraries) imitating [Pocket Tanks](https://www.google.com/search?q=pocket+tanks&oq=pocket+ta&aqs=chrome.1.69i57j0l5.3346j0j7&sourceid=chrome&ie=U). Two tanks take turns to move a set amount to the right or the left, the ground is auto generated with different heights and terrain the game also features projectile physics and explosion affects terrain. [Simple AES](https://drive.google.com/open?id=1FwubZZfS1q9g0_LtdVZyIfLhEJQUzZmA) — *Cryptography* First attempt in 2015 to make an encryption java software that encrypted input using simple AES. [Blue Cryptographer](https://drive.google.com/drive/folders/1fdQze2B_GG8j-O28YRk8UcN0uyzvPL5J?usp=sharing) — *Cryptography* An encryption java software that encrypts using simple AES and simple DES techniques. | SKILLS  * Java * Android Java * C# * SQL * PHP (Laravel and native) * CSS * Javascript   Basic level C  Basic level Python AWARDS **1st place in MSA’s Young Coders (groups)**  **3rd place in MSA’s Young Coders (singles)**  **Barclays’s Prestigious Trainee Award** LANGUAGES Native Arabic Speaker and Fluent in English. |