

Education

Alexandria University, Alexandria, Egypt

Graduation Date (06/2020)

Bachelor of Engineering, *Computer and Communications*

Extra Courses

- Java (fundamentals, advanced & JDBC)
- Android Development
- Programming I & II
- Data Structure
- Architecture & Design patterns
- Full web development course (HTML, CSS, JavaScript, bootstrap, JQuery, PHP, MySql)

Work Experience

- Software developer Intern at Ezz Eldekhila (July 2017)
 - Designing and implementing SOA web Services.
 - Initiate and control web services with Java code

Projects (All source code available on [GitHub](#))

- Paint windows application (Programming Language: Java)
 - A paint project that draws, colors, edit, delete, undo & redo shapes.
 - Made use of OOP with dealing with different shapes.
 - Used dynamic class loading to add a new shape as a plugin on runtime.
- DBMS Project (Programming Language: Java)
 - Built a database made of XML files on local computer and developed a Managing System.
 - The project required concentration on data structure for efficiency and algorithms for parsing information
 - Developed a plugin that supported JDBC and MySql commands
- Mini game (Circus of plates) (Programming Language: Java)
 - Built a game where the player controls a clown trying to catch falling plates. If the player caught three consecutive plates of the same color he is awarded a point.
 - 10 design patterns were used to improve efficiency.
 - Developed in a team of 4.
- Mini Compiler (Programming Language: C)
 - The compiler initiates variables and store values in them.
 - Included syntax checking.
 - Performs basic calculations.
- Digital Dental Scan website
 - Designed and developed www.digital-dental-scan.com.
 - Used bootstrap, HTML/CSS & php.

Skills

- Problem Solving, Communications skills, Adaptability (able to work in different environments) , Strong Analytical skills, Team Working.

Extracurricular Activities

- **International Service Director (Rotaract club of Alexandria West)** June 2016 - June 2017
- **President/Founder (Interact club of Alexandria West)** June 2014 - June 2015

Additional Skills

Languages: Arabic(native), English(fluent), French(fair)

Personal Interests: Tennis, Puzzles, Riddles, Traveling