TIMA ASSY

Computer Science Graduate / Civil Engineer

CONTACT

timaassy@gmail.com

+961 - 81797843

AWARDS

LIRA Competition 2018 3rd Place Award

TECHNICAL PROFECIENCIES

Software Development

JAVA, C, PHP, HTML, CSS

UNIX

SQL

NetBeans, Android Studio

Civil Engineering

AutoCAD

ETABS

Primavera

SAFE

ADAPT-BUILDER

LANGUAGES

Arabic   English   French

HOBBIES

Piano   Reading   Volunteering

EDUCATION

Lebanese University – Faculty of Science, Beirut, Lebanon   *September 2020 - October 2023*
Bachelor of science in Computer Science – Average 15.4 /20
Beirut Arab University, Beirut, Lebanon   *September 2014 - December 2018*
Bachelor of engineering in civil engineering - CGPA 3.83
Top University Ranks: Spring 2016 – Fall 2017
College Notre Dame de l'Annonciation, Joun, Lebanon   *2000 - 2014*
Lebanese baccalaureate – Life Science

PROFFESSIONAL EXPERIENCE

ESRI Training   *April - June 2023*
Completed coursework in ESRI's renowned training focusing on geographic information system (GIS).
ArcGIS Pro – ArcGIS online platforms: Proficient in ArcGIS Pro, a leading GIS software by ESRI designed for advanced mapping, special analytics, and data visualization. Skills include data management, geoprocessing, 3D visualization, and collaborative work environments. Acquired skills in ArcGIS ESRI's cloud-based mapping and analysis solution

Private Tutor & Piano Instructor   *2014-Present*
Give private lessons in mathematics, physics, biology, chemistry, and piano.

Specialized Construction Company - Internship   *June - September 2020*
Erbil – Lebanese Village: Block 3 of 16 stories
Slab design of 2 basements, the ground floor and the roof floor. Design is conducted using Safe, Etabs and Adapt Builder software.
KSA – Five Stars Hotel: 4 towers & 2 malls
Valuate the cost when Post-Tension Slabs are to be selected for one tower and one mall, where our team created post-tension models for several regular and critical floors and estimated the cost value of concrete and PT.

Khatib & Alami Engineering Company - **Internship**   *June – August 2017*
- ✓ Learned the fundamentals of airport design according to the International Civil Aviation Organization (ICAO) and the Federal Aviation Administration (FAA) manuals.
- ✓ Sharma and Umlouj airports: Prepare a report to illustrate the geological, hydrological, environmental, typographical, and methodological conditions of both areas.
- ✓ SAO Tome airport: Develop a proposal booklet to illustrate the expertise of K&A over this field and its ability to handle the responsibilities of construction supervisions and management.

ACADEMIC PROJECTS

Multi-Game Selection Mobile Application
Description: Conceptualized and developed a comprehensive Android application using **Android Studio**, integrating two games seamlessly within a single platform. The application serves as a centralized hub for users to select and play games. The primary highlight of the application is its inclusion of both the classic X/O game and the enthralling "Guess the Flag" game. This project features user's engagement, multiple difficulty levels and a comprehensive scoring mechanism for both games.

Conservatory Management System Web Application:
A web application used as a management system for a conservatory institute developed using **JAVA**, **Html**, **CSS**, and **JavaScript**. This web application displays all the available instruments taught at our musical institute, provided with a detailed curriculum for all academic stages. The web application displays all the current events where students can book for attendance or participation. Nonregistered students can book an audition appointment.

Composite tower of 26 stories – CIVIL Engineering Final Year Project:
- ✓ Built a structural analysis using structural software as Etabs and Safe.
- ✓ Designed the structural composite elements in reference to manual and software.
- ✓ Created the bill of quantity (BOQ) to determine the final cost of the tower.
- ✓ Determined the duration and distribution of the construction phases using Primavera.

Self-cleaning Concrete: LIRA award winning project:
The project aims to reduce the air pollution in a direct way and the solid wastes in an indirect way. The mechanism consists of using a chemical component (TiO_2), the plates were exposed simultaneously to the sun and gas pollutants for a certain duration to allow the photocatalytic reaction that produces a defined level of Nitrate which shows the efficiency of the process to degrade the NOx into Nitrate which will be removed by the rain on the bigger scale.