# MIA ANTOUN
## COMPUTER ENGINEER

## EDUCATION

### LEBANESE AMERICAN UNIVERSITY
*Bachelor's Degree in Computer Engineering | Fall 2015 - Spring 2020*

### UNIVERSITY OF OTTAWA
*Bachelor's Degree in Computer Engineering (Exchange) | Fall 2018*

### COLLEGE DES SOEURS DES SAINTS-COEURS SIOUFI
*French and Lebanese Baccalaureate, GS(General Sciences) | 2000 - 2015*
With honors: Mention Bien

## EXPERIENCE

### SOFTWARE ENGINEERING INTERN
*BMW GROUP | March 2019 - July 2019*

- Created and designed relational databases.
- Created python scripts for data management and data cleansing.
- Created Flask and .NET APIs.
- Maintained communication between applications running microservice architectures using message brokers.
- Used docker to dockerize applications for smooth deployment.

### WEB DEVELOPMENT INTERN
*AMERICAN UNIVERSITY OF BEIRUT | Summer 2018*

- Worked on SharePoint in order to migrate AUB's old IT website to a new one.
- Used apps, pages and web parts to design the website.

### IT INTERN
*TECHNOBLUE (WITH TECHNOMANIA) | Fall 2017*

- Assisted technicians and learned about the main components in a computer and how they worked.
- Worked in the service department on fixing defective or damaged computers.

### INTERN
*LEBANESE AMERICAN UNIVERSITY | Fall 2015 - Spring 2018*

- Helped the employees in completing student files.
- Helped the employees send out documents to other departments.

### TUTOR
*SYNKERS | 2016 - 2017*

- Taught university students courses previously acquired.

### ASSISTANT MANAGER
*SAMIR SALEH PARA-PHARMACEUTICALS | 2012- 2016*

- Took orders from clients.
- Printed and arranged bills for customers.
- Organized and checked the items to be sent out to the customers.

## AWARDS

- Participation Award at PSI Model UN in Ireland.
- Position Paper Award at LAU Model UN in Lebanon.

## SKILLS

### Soft Skills

- Seek and associate with competitive environment.
- Very good teamwork skills.
- Self-motivated and driven.

### Linguistic Skills

- Fluent in Arabic, English and French: written and spoken.

### Computer Skills

- Microsoft Office, Java, CodeWarrior, Python, MySQL, Assembly, Altera Quartus, Cadence, MATLAB, VHDL, JavaFX, NI Multisim, ModelSim, C#, PostgreSQL, PHP, MongoDB

## CONTACT

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## RELATED COURSEWORK

- Cryptography
- Introduction to Artificial Intelligence
- Project Management
- Software Engineering
- Embedded Systems
- Computer Networks
- Electric Circuits
- Electronics
- Micro Electronics
- Java Programming
- Microprocessors
- Signals and Systems
- Communication Systems
- Telecommunication SYstems
- Data Structures
- Logic Design
- Computer Architecture
- Digital Systems
- Database Systems

## PROJECTS

- Built an autonomous robot that collects pills from a dispenser on a certain schedule and delivers them to different patients in hospital rooms with the help of an Android application using MongoDB.
- Created the backend of an application that helps the workers at BMW Group assemble the cars and does calculations for them.
- Created a wireless lighting system for Saint Vincent Hospital in Ottawa.
- Designed a parking lot system in Logic Design using chips.
- Created on a Simon's Game in Microprocessors using HC12MC9S12DT256 with assembly.
- Created a maze that solves itself on Eclipse.
- Created a Beauty Shop database using Eclipse and MySQL.
- Worked on an Altera FPGA in a picture comparison project.

## INTERESTS

- Music: Piano player
- Sports: Basketball Varsity, Badminton Varsity, Pool
- Social: Guides Du Liban (GDL) member since 2008 (chief since 2014)
          IEEE member since 2015 (vice president in 2017-2018)