

# MARAM ASSI

Kingston, Ontario, Canada • +1 (343) 333-9333 • [assi.maram@gmail.com](mailto:assi.maram@gmail.com) • <http://www.maram.ca>

## EDUCATION

<b>Queen's University – Kingston, Canada</b>	Sep. 2019 – Aug. 2023 (Expected)
Doctor of Philosophy in Computer Science	GPA 4.2/4.3
Member of Software Evolution and Analytics Lab (SEAL) supervised by Prof. Ying Zou	
Research interest: Software Engineering, Software Analytics, Machine Learning, and Natural Language Processing	
<b>Lebanese American University (LAU) - Beirut, Lebanon</b>	Sep. 2010 – Dec. 2017
MS in Computer Science (Feb. 2014 – Dec. 2017)	GPA 3.6/4
BS in Computer Science (Sept. 2010 – Jan. 2014)	GPA 3.9/4 High Distinction

## PROFESSIONAL EXPERIENCE

<b>Queen's University - Kingston, Canada</b>	Sept. 2019 - May 2020
<b>Instructor, Enrichment Studies Unit (ESU)</b>	
Developing and delivering an engaging and innovative high-quality course for school students	
Content: Introduction to web programming	
<b>Teaching Assistant</b>	
Courses: Elements of Data Analytics, Fundamentals of Web Development	
Responsibilities: Teaching weekly labs, grading homework, quizzes and exams	
<b>Acteos Production SAL Offshore - Zalqa, Lebanon</b>	June 2016 – Aug. 2019
<b>Software Analyst (June 2018-Present) and Senior Software Developer (June 2016- May 2018)</b>	
<ul style="list-style-type: none"><li>Analyzing, designing, developing and testing transport management systems (Supply Chain Management)</li><li>Analyzing and developed the “Tracking” module system (that helps to track goods delivery from the warehouse to the destinations) using ADF framework, Java, PL/SQL and SOAP web services</li><li>Mentoring Junior developers</li><li>Occasional clients’ visits in France to gather business requirements</li><li>Liaise with project managers and development team to assimilate the client new business functionalities</li></ul>	
<b>Lebanese American University - Beirut, Lebanon</b>	Sept. 2014 – May 2016
<b>Part-time Faculty</b>	
Course: Computer Application Course	
Responsibilities: Preparing course materials including homework assignments, handouts and exams and teaching	
<b>Teaching Assistant, Lebanese American University - Beirut, Lebanon</b>	Feb. 2014 – May 2015
Course: Intro to Object Oriented Programming and Object and Data Abstraction	
Responsibilities: Design and deliver tutorial for the labs	
<b>Capital Banking Solutions SAL Offshore - Hazmieh, Lebanon</b>	July 2013 – May 2016
<b>Software Developer (Mar. 2015 – May 2016)</b>	
<ul style="list-style-type: none"><li>Cooperated with analysts and designers in the development of banking software modules</li><li>Interacted regularly with the Quality Control team in the scope of the agile software development</li><li>Contributed as a key person in the development of the Client Database banking module using ADF framework and Java</li></ul>	

- Developed External and Internal transfers banking modules and produced the highest quality deliverable

#### **Junior Software Developer (July.2013 – Mar. 2015)**

- Developed on different banking modules including User management and Know Your Customer (KYC) module
- Modified and maintained existing banking programs to adapt to new business requirements using ADF MVC framework and Java

### **COMPUTER SKILLS**

---

- Programming Languages: Python, R, Java, Oracle SQL, PL/SQL
- Tools: Oracle ADF, SQL developer, PLSQL developer, SVN, Jira, Git, Microsoft Office, Photoshop
- Web development: HTML5, CSS3, PHP, JavaScript, Wordpress

### **LEADERSHIP**

---

- |  |  |
|--|--|
| <b>Program Chair at CSearch Conference at Queen's University - Kingston, Canada</b>  | Jan. 2020 – Dec 2020                         |
| <ul style="list-style-type: none"> <li>• Responsible for creating the program and schedule, booking keynote speakers and selecting abstract</li> </ul> |  |
| <b>Member of Toastmasters International Public Speaking Club (dynamic leadership path)</b>   | Dec. 2019 – Present                          |
| <ul style="list-style-type: none"> <li>• Downtown Kingston club, Kingston, Ontario, Canada.</li> <li>• Pro-Toast Club, Beirut, Lebanon.</li> </ul>     | Jan. 2020 – Present<br>Mar. 2018 - Aug. 2019 |
| <b>Member of the Acteos Production SAL Offshore Committee</b>  | Jan. 2018 – Present                          |
| <ul style="list-style-type: none"> <li>• Acting as a liaison between employees and administration and in charge of team building activities</li> </ul> |  |
| <b>Mentor at LAU Alumni Mentoring Program (AMP)</b>  | Oct. 2018 – Present                          |
| <ul style="list-style-type: none"> <li>• Responsible for providing professional and career development advices to senior students</li> </ul>           |  |
| <b>Free-lance Developer</b>  | Oct. 2014 - Present                          |
| <ul style="list-style-type: none"> <li>• Developing and maintaining websites using Wordpress framework</li> </ul>                                      |  |
| <b>Paper Presenter at 19th International Arab Conference on Information Technology, Beirut, Lebanon</b>  | Oct. 2018                                    |
| <b>Invited session chair and paper presenter at KES international 2018 conference, Belgrade, Serbia</b>  | Sept. 2018                                   |

### **HONORS AND SCHOLARSHIPS**

---

- |                                |             |
|--------------------------------|-------------|
| • LAU Honor society Award      | 2010 – 2014 |
| • LAU Honor scholarship        | 2010 – 2014 |
| • PepsiCo's Tomooh scholarship | 2008 – 2010 |

### **PUBLICATIONS**

---

- Assi, M., Halawi, B. and Haraty, R. (2018). Genetic Algorithm Analysis using the Graph Coloring Method for Solving the University Timetable Problem. In: 22nd International Conference on Knowledge-Based and Intelligent Information & Engineering Systems. Elsevier, pp.899-906.
- Assi, M., Haraty R. (2018). A Survey of the Knapsack Problem. In The 19th International Arab Conference on Information Technology., Werdanye, Lebanon, 2018, pp. 1-6. doi: 10.1109/ACIT.2018.8672677
- Haraty R., Assi M. and Rahal I. (2017). A Systematic Review of Anonymous Communication Systems. In Proceedings of the 19th International Conference on Enterprise Information Systems - Volume 2: ICEIS, ISBN 978-989-758-248-6, pages 211-220

### **LANGUAGES**

---

English, French and Arabic, Beginning Spanish