Hady Ziadeh

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## PROFILE

EXPERIENCE

Inquisitive, energetic recent Computer Science graduate, seeking a job or an internship in order to expand my knowledge and gain experience in order to build a successful career in the future

University Of Balamand 01/2018 > 05/2018

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### Object-Oriented Programming Lab Assistant

* Assisted Lab instructors during the Object-Oriented (Java) Lab sessions
* Supervised during exams
* Helped students grasp the material

*Coaching – Patience – Explaining Complex Ideas*.

### Databases Lab Assistant

* Assisted Lab instructors during the Databases (Oracle, Microsoft Access) Lab sessions
* Helped students grasp the material

*Patience – Reinforced my Database Knowledge*

### IT Lab Assistant / Supervisor

* + Installed multiple software on different computers
  + Formatted computers
  + Helped students / professors in need

*Increased my knowledge on operating systems – Figuring ways to bypass computer problems*

# EDUCATION

University Of Balamand 09/2016 - 12/2019

University of Melbourne 09/2020 - current

# AWARDS

### Bachelor of Science (B.S.)

Computer Science, Software Engineering track

### Master of Science (MSc.)

Information Technology (Artificial Intelligence)

CGPA: 3.0

Spring 2019 **Hands-on Python Workshop Certificate**

Fall 2019-2020 **Dean’s Honor List**

# Artificial Intelligence Projects

03/2019 – 04/2019 **Fuzzy Logic Implementation (Javascript / HTML 5)**

The project is an implementation of a real-time fuzzy-based artificial intelligence system for an interactive game (Pac-Man) in which the opponents are BDI-style intelligent agents

02/2019 – 03/2019 **Genetic Algorithm Implementation (Javascript / HTML 5)**

The project is an implementation of the Genetic algorithm to find the best circle that fits a canvas of non-intersected circles

01/2019 – 02/2019 **A\* Pathfinding algorithm Implementation (Javascript / HTML 5)**

The project is an implementation of the A\* pathfinding algorithm to find the optimal path between two points in a 2D grid

NB: the project didn’t take a diagonal route into consideration

10/2020

### PDDL modelling

Design a PDDL model that will help the hero to get out of the dungeon

# Workshops & Programs

Chamber of Commerce, Industry, Agriculture of Tripoli

01/2019 – 04/2019

### Eknovate (program)

Eknovate is a career development and placement program developing a person’s ability to work in a team, share his ideas, communicate effectively and to comprehend the workflow in a software engineering company

Azm school 09/2015 – 05/2016

### Prefect (program)

The Prefect program helps students to accelerate implementation of their ideas for social change, develop one’s leadership potential and improve their advocacy and presentation skills.

# Languages

**Full Professional Proficiency:** Arabic, English

Java, JavaScript, C++

**Good Proficiency:** French

C, C#, SQL, ASP.NET, Python, Haskell

**Elementary Proficiency:** Spanish

Assembly, Objective-C

# Interests

Piano Horseback Riding Drawing Chess Programming

# Skills

Critical Thinking Teamwork Problem-Solving Adaptability Time Management