

# Melissa Allouche

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## EDUCATION

### American University of Beirut

*Bachelor of Electrical and Computer Engineering*

Beirut, Lebanon

*Sept 2019– Expected May 2023*

- Minor in English Language
- Dean's Honor List: Fall 2020, Spring 2021, Fall 2021
- Relevant Courses: Introduction to Computation and Programming using Python, Data Structures and Algorithms, Web Programming and Design, Software Engineering, Introduction to Machine Learning, Parallel Computer Architecture and Programming, Introduction to Language, Phonetics, Introduction to Psychology, Sensation and Perception

### Beirut Baptist School

*Lebanese Baccalaureate, Life Sciences*

Beirut, Lebanon

*Sept 2016–June 2019*

- Graduated with High Distinction
- Merit Scholarship, 2016-2019

## EXPERIENCE

### Translator

*NoGarlicNoOnions*

Aug 2020 – Jan 2022

*Beirut, Lebanon*

- Translated videos from Arabic to English on Anthony Rahayel's YouTube Channel using the Amara Editor
- Documented events related to the channel's content
- Reviewed previously translated videos and identified any issues

## PROJECTS

### Sports Club Management System | *HTML, CSS, JS, Python Flask*

Jan 2022 – Apr 2022

- Developing a web application for a sports club with Admin and User roles and their respective functionalities using the Flask framework and HTML/CSS/JS and Bootstrap(CSS) framework

### Book Genre Classification | *Python*

Jan 2022 – Present

- Building a genre classifier using neural networks(RNN)

### Educational Website For Elementary Students | *HTML, CSS, JS, PHP*

June 2021 – July 2021

- Developed an educational website with quizzes and a point system for students to learn Math and English using HTML/CSS/JS for front-end alongside PHP

### 7 Segment Display | *VHDL*

June 2020

- Built a decoder that displays a 4-bit binary number on 7 segment LED displays

## SKILLS

**Technical Skills:** python, C++, HTML, CSS, JS, AJAX, PHP, Bootstrap, Flask, MySQL, VHDL, MATLAB, PSpice, MS Word, MS Excel, LaTeX

**Languages:** English(Native Proficiency), Arabic(Native Proficiency), French(Elementary Proficiency)

## ACTIVITIES

- Staff Writer, Books and Technology subsections at AUB Outlook 2020 – Present
- Secretary of AUB Book Club 2020 – Present
- Secretary of AUB Biomedical Engineering Student Society (BMES) 2021 – Present
- Member of Game Development and E-sports club 2021 – Present