

# Mohammad Semmo

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## Education

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### Lebanese International University

Sept 2019 - Feb 2023

#### Bachelor of Computer Science

- **GPA:** 3.75
- **Courses:** OOP in Java, Algorithms and Data Structures, Web Programming, Operating Systems

### Harvard University - CS50x Certificate: Introduction to Computer Science

Oct 2021

- Learned programming in C, Python, and JavaScript
- Created several projects including a stock trading simulator using Flask

## Skills

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| Soft Skills:  | Problem solving, communication, adaptability, work ethic           |
| Languages:    | JavaScript, Typescript, Java, Python, C, PHP, HTML, CSS            |
| Technologies: | React, Angular, Express.js, MySQL, MongoDB, Django, Bootstrap, Git |

## Projects

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### Classroom

A web application used to create and manage classes

- Implemented different functionalities for teachers and students
- Created an interactive page for teachers to create forms and schedule them as assignments or tests
- Implemented automatic grading for assignments and tests
- Built with React, PHP, MySQL, and Bootstrap

### Crypto Simulator

A Cryptocurrency trading simulator that allows users to trade coins using mock funds

- Implement authentication and authorization with json web token
- Utilized a public cryptocurrency API to live update prices, trading volumes and more
- Applied state management with Redux Toolkit
- Developed in the MERN stack

### Network

A social media web application similar to twitter

- Applied full CRUD functionality to posts
- Implemented the fetch API to asynchronously update likes on posts and follow users
- Written in Python (Django), JavaScript, HTML, and CSS