

SUMMARY:

A driven 42 Abu Dhabi student who is experienced in C programming language. A current learner of Python and Shell script programming languages to enhance knowledge as well as improve OOP skills through working on related-projects. Very curious and excited to explore and learn new concepts and algorithms in addition to being passionate about learning cybersecurity, ethical hacking and app development.

FUNCTIONAL EXPERTISE:

[C programming] [Data Structures] [Shell]
[Computer Graphics] [UNIX] [OOP]
[Imperative Programming] [Python]

SOFT SKILLS:

[Critical Thinking] [Teamwork] [Self Learning]
[Team Spirit] [Problem Solving] [Reliability]
[Communication] [Collaboration] [Creativity]
[Project Planning] [Self-Expression]

EDUCATION:

2021 - present | 42 Abu Dhabi

Diploma of Software Development.

- Project-Based Work.
- Peer-to-Peer Learning.
- Creativity and Self-Expression.

2020 | Al-Hosan High School

High School Certificate

- Advance Section.
- Emsat score (1750).

RELEVANT PROJECTS FROM 42 ABU DHABI:

Mini-Bash Shell

Recreated a shell similar to Bash Shell that includes displaying a prompt then parse and search for the given command whether it is a relative or absolute path. In addition to, implementing redirections including 'HereDoc' for the shell.

Philosophers

Built a simulation that requires the use of threads and multi-threading in C programming while dealing with Data Races.

Push_Swap

This project involves sorting data on a stack, with a limited set of instructions, and the smallest number of moves. To make this happen, you will have to manipulate various sorting algorithms and choose the most appropriate solution(s) for optimized data sorting

So-Long

Built a 2D game using the MLX library that includes creating a map in a text file using '1' as a wall, '0' as an empty space, and 'P' as a player, then parse and draw the map on a MLX window and start the game using the MLX functions.

Born2BeRoot

Set up a virtual machine using Debian Linux and made up the partitions, configured the operating system with the UFW firewall leaving only a specific port open. Also, I implemented a strong password policy to users, and ran the SSH server on a specific port as well.

VOLUNTARY WORK:

- Evaluated pisciners(new joiners) on their projects as a check on their progress and current project.
- Volunteered for tutoring sessions in 42 Abu Dhabi to clarify and help students how to break down their tasks and gave few concepts of parsing the input.
- Participated in exam proctoring in 42.