

# Najib Abi Fadel

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Byblos, Lebanon

## PROFESSIONAL EXPERIENCE

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### P.O.Tech consulting

Lebanon

#### Internship in Cybersecurity

August 2022 – September 2022

- Worked mainly within Kali Linux and the Unix environment.
- Got used to work in the Unix environment, so much so that I started developing in WSL.
- Communicated with APIs and made html requests using Python scripts. Automated many tasks with said scripts.
- Learnt how to work with a team in a professional setting. Our work was remote as well, so got accustomed to it.

### Self- employed

Lebanon

#### Freelance researcher

September 2021 – Present

- Assessing, creating, and editing content for all types of academic and non-academic research studies.

#### Freelance tutor

January 2020 – Present

- Taught high school students in different subjects: physics, math, and chemistry.
- Taught the students to appreciate science beyond its academic value.
- Motivated and kept up with the students.

## EDUCATION

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### ULFG II, Lebanese University

Roumieh, Lebanon

Bachelor of Computer Engineering

September 2019 – 2024

### High School – Frères Maristes

Amchit, Lebanon

French and Lebanese Baccalaureates in General Sciences with an Honors award

September 2016 – June 2019

## PROJECTS

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### 3D renderer ([Github repo](#))

- Designed a scalable 3D renderer using an OOP architecture with C++ and OpenGL.
- Used abstraction, inheritance, polymorphism, and other OOP concepts.
- Recreated the same project using C# and the .NET framework instead of C++ and learned how to migrate a project from a language to another.
- Uploaded the project to GitHub, and having some experience in working with it.
- Optimized my project and made it run from 2 fps to 160 fps using clever solutions.

### Small projects

- Made a booking software using JAVA and SQL for a university project.
- Touched upon machine learning via Google Courses.
- Worked on Linux for a while, getting to actually know how computers work.
- Getting ahead of my university courses and learning about the ins and outs of networking.
- Worked with HTML, CSS and JavaScript.

## TECHNICAL SKILLS

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**Programming Languages:** Expert in Java, Python, C#, SQL and C++. Familiar with HTML and CSS.

**Frameworks, Libraries, and Runtime Environments:** Familiar with .NET, OpenCV, Pandas, TensorFlow, Numpy

**Other:** Visual Studio, MATLAB, LabView, Proteus, Eagle, SolidWorks, AutoCAD, Microsoft Office (Word, Excel and VBA, PowerPoint).

## VOLUNTEERING

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### Amchit Youth Group

Amchit, Lebanon

#### Member

June 2021– Present

- Attended weekly meeting concerning various social topics.

### Scout

Jbail, Lebanon

#### Member

February 2009 – May 2015

- Learned the scout discipline.
- Self-reliance and independence.

## SKILLS

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**Languages:** Arabic (Native), French (Fluent), English (Fluent), Spanish (Novice).

**Soft skills:** Problem Solver, Fast learner, Scientific analysis, Leadership, Report writing, Communication.

**Interests:** Classical Guitar (Advanced), Chess (Intermediate), Coding (Intermediate), Reading, Gym enthusiast.