

Tia El Helou

Byblos, Lebanon | [Email](#) | [LinkedIn](#) | [GitHub](#)

Profile Summary

A proactive Computer Scientist with a Bachelor's in Computer Science and extensive hands-on experience in software development, mobile application creation, and data management. Skilled in full-stack development, I have led the creation of several innovative apps and web projects. Passionate about solving real-world problems through technology, I aim to leverage my expertise in Python, Java, and web technologies to contribute to impactful projects.

Technical Skills

- Programming Languages: Java, Python, SQL, PHP, JavaScript, HTML, CSS, Go, C, C#, Dart
- Frameworks/Tools: Android Studio, Ionic, Laravel, Flutter, .NET, Git
- Database Technologies: MySQL, T-SQL
- Operating Systems: Linux (Ubuntu)

Professional Experience

Internship | Indevco Consultancy, ISBI Department

Mar 2023 – Jun 2023

- Developed a responsive data flow diagram integrated into the company's website using HTML, CSS, JavaScript (D3), and T-SQL.
- Optimized the company's database by resolving duplicates, correcting errors, and updating information
- Collaborated with cross-functional teams to streamline data management processes.

Computer Lab Assistant | Lebanese American University

Jan 2022 – May 2023

- Assisted students in object-oriented programming and data structures using Python and Java.
- Delivered labs on algorithms and object-oriented principles, improving students' understanding of fundamental programming concepts.

Computing Camp Assistant | Lebanese American University

Jul 2022

- Guided high school students in developing Android applications using Android Studio and Java.

Notable Projects

Helpdesk Ticketing Software

Apr 2022

- Developed a web-based customer support system for CHIP, enabling efficient management of customer issues using html, CSS, JS, php and SQL.

Plantea App

Jan 2024 – May 2024

- Created a hybrid mobile app that promotes environmental awareness, featuring a plant library, a camera function for plant recognition, and a reward system for user engagement using Laravel and Flutter.

Rally Task App

Apr 2022 – May 2022

- Designed an app that assigns community tasks and rewards users for completion, encouraging social contribution. Built using Ionic Framework.

Education

Lebanese American University

Sept 2020 – May 2024

- Bachelor of Science in Computer Science (Dean's Honor List, 2 semesters).

Awards and Honors

- Dean's Honor List (2022, 2023)
- Best Web Development Project (2019)
- Best Database Management Project (2018)

Languages

- English (Fluent), French (Intermediate), Arabic (Native)

Community Involvement

Lebanese American University

Sept 2022 – Sept 2023

- Founder & President, Computer Science Club
- Led initiatives to support coding education and peer learning in computer science.

Active Member, Beirut AI

Mar 2021 – Jan 2022

- Participated in workshops, expanding knowledge in artificial intelligence and machine learning.

Certificates

- Endeavor Award
- ML Bootcamp (Machine Learning Track)
- NVIDIA DLI Certificate – Fundamentals of Deep Learning
- Introduction to Artificial Intelligence
- Artificial Intelligence and Computer Vision
- Maharat Min Google – Fundamentals of Digital Marketing
- Computing Summer Camp
- Adyan Certification
- Best Database Management Project
- Best Web Development Project