

# STRATEGOS

Engineering Technologies for Strategy in  
Defense, Industry, Government &  
Homeland Security

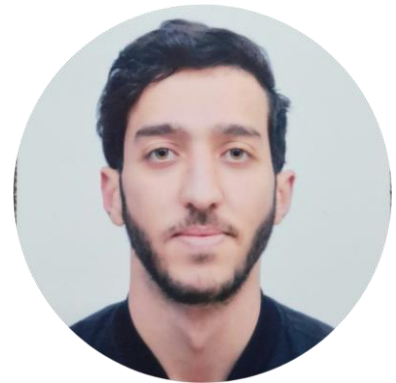
[www.itim.unige.it/strategos](http://www.itim.unige.it/strategos)



*Master of Science on Engineering Technology for Strategy and Security*

## STRATEGIC Engineer Resume

**Name** Amine  
**Family Name** Messai  
**Citizenship** Algerian  
**Address** Via Sant'Ugo  
**Tel** +39 3513055981  
**Email** amine\_messai9@yahoo.fr  
**Skype** aminetoktok95@gmail.com



### Education & Special Certificates

**23 Sep 2023 – Current, University of Genoa,  
International Master Science in Engineering Technology  
for Strategy and Security (Laurea Magistrale),  
STRATEGOS, Genoa, Italy**

**September 2017- July 2021, University of Boumerdes,  
Bachelor's degree in electrical and Electronic  
Engineering, Boumerdes, Algeria**

**September 2021- July 2023, University of Boumerdes,  
Master degree in Computer Engineering,  
Boumerdes, Algeria**

**Google's The Bits and Bytes of Computer Networking by Coursera. [credential](#)**

**Applied Plotting, Charting & Data Representation in Python by Coursera. [credential](#)**

**Applied Machine Learning in Python by Coursera. [credential](#)**

**Control of Mobile Robots by Coursera. [credential](#)**

## **Professional Experiences**

**Mighiss company (2019-2023): Experience as a mobile app developer of software solutions for industrial companies including LindeGas and GICA (Industrial Cement Group of Algeria)**

## **Projects**

**Mobile application for LindeGas: Developed an innovative gas cylinder delivery Flutter application for the multinational company LindeGas using barcodes for inventory management, and a local sqllite database synchronized with the Restful API to an Oracle database system.**

**Mental health counseling platform: Designed and developed an online mental health counseling platform, with features including messaging, notifications, one-to-one and group video calls, livestreams, group therapy sessions, and articles. The app was developed in the context of a masters final year project using Flutter, Firebase, and videoSDK. [interface screenshots](#)**

**Application for GICA: Developed and launched a customized Android webview application for the GICA (Industrial Cement Group of Algeria) company. [link](#)**

**Web automation projects:** Developed two automated educational and entertaining content creation projects (automated video editing, translation, subtitling and posting) using Python, FFmpeg, Selenium and PySrt Python libraries, and the Youtube & Google translate API's. [link1](#) [link2](#) [link3](#)

**Video editing app:** Developed an Android video editing tool app using the FFmpeg library. [github link](#)

**Flutter SQLite helper script:** Created a Flutter SQLite database helper script that includes simple database manipulation functions (addition, deletion and updating rows or entries). [github link](#)

**Barcode scanner app:** Developed and proposed an Android barcode scanner inventory management app to a manufacturing company.

## Technical Skills

- Programming
- Team Work
- Presentation skills

**ICT Skills** Office suite, Flutter, Java/Kotlin, SQL, Python

**Languages** Arabic (Native Language)  
English (Native Language)  
French (C2)

**Hobbies** Sports, Music, Coding

*I hereby authorize STRATEGOS, Genoa University and Simulation Team to share my CV for Professional and Scientific Reasons with Companies & Institutions*