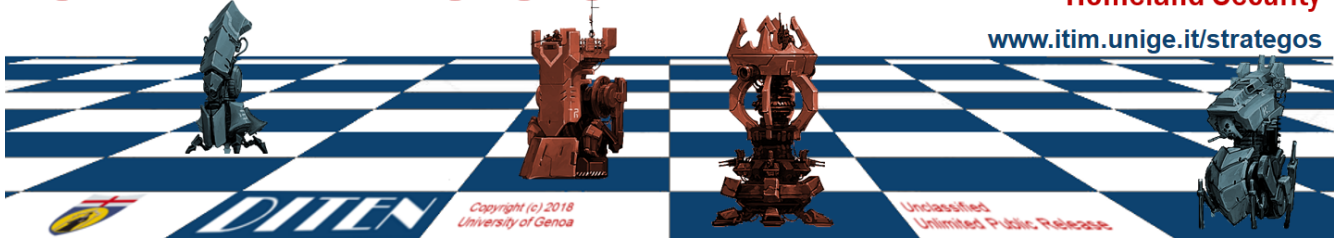


STRATEGOS

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

www.itim.unige.it/strategos



Master of Science on Engineering Technology for Strategy and Security

STRATEGIC Engineer Resume

Name Alyaa

Family Name Ghanem

Citizenship Egyptian

Address Via Pasquale Berghini, 35F/4
16132, Genoa (GE), Italy

Tel +39 379 253 6817

E-mail Alyaa.ghanem94@gmail.com

Skype [eng.alia94@yahoo.com](https://www.skype.com/en/contacts/eng.alia94@yahoo.com)



Education & Special Certificates

19 Sep 2022 – current, Master's student of Engineering Technology for Strategy and Security (Laurea Magistrale), STRATEGOS, University of Genoa, Italy

Sep 2014- June 2019, Bachelor of Science in Mechanical Engineering, Alexandria University, Egypt.

Professional Experiences

Mechanical Designer (CO2 Laser Cutting Machines) October 2019 – March 2020

Independent Researcher: September 2019 – Present

Scientific Experiences

Publications

Ahmed, E. N., & Ghanem, A. A. (2020). A novel comprehensive correlation for discharge coefficient of square-edged concentric orifice plate at low Reynolds numbers. Flow Measurement and Instruments, 101751. <https://doi.org/10.1016/j.flowmeasinst.2020.101751>

Projects

For my graduation thesis, I selected a mechanical design project which involved designing a firefighting system for the SSP building of Alexandria University, Egypt.

Other Experiences

Volunteer in a charitable organisation (pas a pas), Genoa, Italy.
Role: Arabic teacher. From February 2021 to the present.

Former Organizer at (A Plus Team - Seeking Top), Alexandria University, Egypt. From September 2014 to October 2016.

Former Vice Head of Organizing & Logistics Committee at (A Plus Team - Seeking Top) Alexandria University, Egypt. From September 2015 - March 2016.

Technical Skills

- CAD Drawing
- SOLIDWORKS Drawing
- Teamwork
- Self-learning
- Hard-working
- Communication skills
- Problem-Solving

ICT Skills

I have skills in using the Office suite with advanced skills in using Excel. I have a basic knowledge of programming languages such as PYTHON and Matlab

Languages

Arabic (Native Language)

English (B2, Official Language in Bachelor Degree)

Italian (B1, Certified)

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