

STRATEGOS

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

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Master of Science on Engineering Technology for Strategy and Security

STRATEGIC Engineer Resume

Name Mahdi
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Education & Special Certificates

**23 Sep 2019 – Current, University of Genoa,
International Master Science in Engineering Technology
for Strategy and Security (Laurea Magistrale),
STRATEGOS, Genoa, Italy**

**October 2013-25 Apr 2017, University of Payamnoor,
Bachelor Degree in Mechanical Engineering,
Shiraz, Iran**

**2009 – 2012, HighSchool, Physics & Mathematics,
Shiraz, Iran**

Professional Experiences

Programming and data analysis: - Proficient in programming languages such as C, python, R. - Experienced in working with databases such as SQL and NoSQL - Knowledgeable in web development technologies such as HTML, CSS, and JavaScript - Experience in data analysis and machine learning techniques and algorithms.

Mechanical Engineering: - Proficient in 3D modeling software such as SolidWorks and AutoCAD - Experienced in designing and analyzing mechanical systems and components - Skilled in performing FEA and stress analysis using ANSYS and Abaqus - Knowledgeable in thermodynamics, heat transfer, and fluid mechanics

Computer skills: - Microsoft Office Suite (Word, Excel, PowerPoint) - Experienced in data entry and management, email communication, and internet research - Familiar with social media platforms and content creation tools

Projects

I chose to work on predictive maintenance system for industrial machines using machine learning algorithms as my Bsc project. This project was involved with collecting data from various sensors in the machine. Then the purpose was to build a predictive model that can predict the likelihood of machine learning failure using machine learning algorithms and after analyzing the collected data from sensors.

Technical Skills

- CAD Drawing
- Typographical Software and Picture Elaboration
- Basic Business Model Analysis
- Team Working in homogeneous and not homogeneous teams
- Fluent communications and coordination

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 C++, C#, PYTHON, MYSQL

Languages

Persian(Native Language)

English (B2 Language)

Other(s)

Volunteer for the local activities.

Experiences

Web developer at Taav system We are currently developing a product for factory management systems and financial systems and retail solutions, which we are still in the development stage. Mahdi Zarei 1
nirookala,powerhouse(<http://nirookala.ir>) November 2016 — June 2017 • Admin panel development and my biggest challenge is working with video packages and uploading them • A simple online store whose product information is taken from a API and has the ability to increase and decrease the number of products and the possibility of registration with the ability to validate and pay for the purchase of the product.
<https://www.apollo.io/companies/TaavSystem/5da6f558bddb83000140269a?chart=count>

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