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	**Benyamin**
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Education & Special Certificates

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

Sep 2016- Feb 2021, Payame Noor University, Bachelor Degree in Computer Engineering, Gorgan, Iran

Professional Experiences

Open Source Developer, Jan 2021 - Present

• Designed and implemented a multilingual library that facilitates efficient data sharing through memory, supporting Python, Java and three other programming languages

• Developed a robust calendar system in Rust, featuring three core calendars with nine variations

• Created a package for seamless integration between Mathematica, Power BI, and Tableau, enabling efficient and comprehensive data analysis and visualization across multiple platforms

3D Graphic Artist, Nov 2019 – Nov 2020

• Collaborated with clients through on-site visits to identify opportunities and develop solutions for meeting their needs and requirements

• Worked closely with architects to establish detailed specifications and prepare precise shop drawings

• Utilized advanced software tools and techniques to generate detailed 3D models from 2D architectural plans and sketches

• Leveraged advanced rendering techniques to produce high-quality visualizations of architectural designs, including both interiors and exteriors, as well as product models

Web Content Editor, Aug 2019 – Nov 2019

• Optimized overall accuracy and efficiency of the process by integrating computer-aided translation (CAT) software

• Developed and maintained an open-source plugin for seamless integration of scripting languages with Trados Studio, providing increased flexibility and customization options

• Organized and translated content from English to Persian

• Identified and improved the SEO of text-based content

Information Technology Specialist, Ashiyan Decor, Sep 2016 – Jan 2019

• Improved staff productivity and accuracy by implementing a computerized documentation system, replacing traditional paper-

based methods, and providing access to business documents across multiple devices

• Designed, implemented, and managed a suite of information systems, streamlining the processes

• Successfully rolled out the new information systems to our other branch, providing comprehensive training to staff members to ensure a successful adoption

Projects

Shared Memory

Easily and efficiently share rectangular array (any dimension, any type) or String between Python, Julia, Matlab - Wolfram Language (Mathematica), and Java through memory.

cDateFunctions

First Persian (arithmetic) calendrical calculator with 5 leap year patterns in Rust

Power BI - Mathemaica Integration

Leveraging the full potential of Mathematica's visualization capabilities within Power BI to produce impactful visualizations.

Tableau - Mathematica integration

Unleashing Mathematica's computational power alongside Tableau's visual prowess for advanced analytics and captivating visualizations.

Trados Studio Interpreter Caller

An innovative plugin for Trados Studio to seamlessly integrates Python and other scripting languages, transforming your translation workflow with unprecedented flexibility and automation possibilities.

Technical Skills

- **Ability to write clean, and efficient code using best practices**
- **Competent in statistical analysis and data interpretation, enabling data-driven decision-making**
- **Broad knowledge of different technologies and languages, and the ability to evaluate and select the best tools and frameworks to solve problems and create new solutions**
- **Skilled at adapting to changing work environments, remaining open to new ideas, and embracing diverse perspectives**

ICT Skills

I have advanced knowledge of programming languages such as Rust, C#, Python, Java, Matlab, JavaScript and Mathematica (Wolfram Language). I also have skills in using Microsoft Office, Adobe Photoshop and Illustrator.

Languages

Persian (Native Language)

English (Fluent)

Other(s)

My active involvement in a programming community, where I rank among the top 3% of users, has equipped me with the ability to tackle complex technical challenges with confidence.

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