

EDGAR ALOYAN

Computer Science Engineer

🌐 <https://linkedin.com/in/edgar-aloyan>

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SKILLS

- GCP, DigitalOcean, BitLaunch etc.
- Assembler, C, C++
- Bash, Python, JavaScript
- Pandas, NumPy, ETL, OLAP, OLTP
- IEC 61131-3, LD, ST, IL, FBD, SFC
- GitHub, GitLab, Bitbucket, JIRA
- SQL, NoSQL, Redis, ELK Stack
- Data Structures, Analysis, Statistical Modeling
- Unix, Linux, MacOS, Windows, BSD, RTOS
- VMWare, VirtualBox, Hyper-V, XCP-NG, VEnvs, KVM, QEMU, Docker, Kubernetes etc.
- Apache, Tomcat, Kafka, NGINX etc.
- Industrial Ethernet, OSI, TCP/IP Stack, Advanced DNS/DHCP
- Load Balancers, Routing, SW/HW Firewalls, NAT, IPSec, VPN, Wireshark, MITM-Proxy etc.
- Certified by MikroTik, Cisco, HikVision and TP-Link.

EDUCATION

Krasnodar College of

Electronic Instrumentation

Computer Science Engineering

- FGOS 09.02.01 Honors Diploma

2014 - 2018

CISCO: IT Essentials

Network and Security Engineering

- CompTIA A+ Certification

2015 - 2016

WorldSkills Russian National Team

Electronic Prototyping

- EurAsia Cup Champion of 2018

2016 - 2018

Gestalt Institute of St. Petersburg

Psychotherapist

- Behavioral Patterns in Decision-Making Processes
- Mental Health and Well-Being
- Staff Leadership, Conflict Management

2018 - 2021

ABOUT

Certified computer science engineer holding EurAsia's Champion 2018 status in Electronics.

- 6+ years of high density experience.
- Diploma with Honors in Computer Science
- Skilled in Assembler, C, C++, Python, IEC 61131-3.
- Armenian: Intermediate, English: Intermediate, Russian: Native
- Social skills: 2+ years of experience in Organizational Psychotherapy

EXPERIENCE

Cyber Security Engineer - CTO

HITECH LLC | May 2022 - Present

[Systems for Security, Privacy and Intelligence]

- Designing and implementing Security and Efficiency oriented IT Infrastructure (both Hardware and Cloud).
- Working on projects for Governments, heavy companies and High-Risk personas.
- Providing unreachable & unhackable privacy solutions from basic Telecommunication to custom IoT systems.

Skills: Linux Distros · BSD · HW/SW Firewalls · VPN · IPSec · Wireshark · Virtualization · Network Engineering · Cyber Security · Combined IT Infrastructure · IoT · Cryptography

Computer Science Engineer - CIO

KAVKAZ EXPRESS LLC | Jan 2021 - Feb 2022 · 1 yr 2 mos

[US Multimodal Logistical Company]

- Gathered IT specialists of the company into one co-operational team.
- Integrated Scrum/Kanban forming an agile and solid IT department.
- Designed and Implemented an ERP (Enterprise Resource Planning) system for the company.
- Created OLTP/OLAP/ETL databases, with customly automated Data-Lake & Data-Warehouse management.
- Digitalized the business processes of the organization, which made automated & easily configurable weekly auditing possible.

Skills: GCP · Apache Superset BI · SQL · Redis · Postgres · Python · Django · Business Analysis · System Design · Productivity Improvement · Mentorship

Computer Science Engineer

UFO-PACK LLC | Oct 2017 - Jan 2021 · 3 yrs 4 mos

[Heavy Machinery Manufacturing Company]

- Developing embedded APCS (Automated Production Control Systems) for manufacturing processes.
- Leveraged Embedded Linux, RTOS (Real Time Operation Systems).
- Mostly coded using Assembler, C, C++ for SoC (System on Chips/MicroControllers).
- Additionally coded using IEC 61131-3 for HMI (Human-Machine Interface) and PLC (Programmable Logic Controller).
- Engineered electrical circuits (Electronics) for industrial machines.

Skills: Assembler · C/C++ · Embedded Linux · RTOS · IEC 61131-3 · Industrial Ethernet