

ASIM MAMMADOV



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PROFESSIONAL SUMMARY

I am a highly motivated and enthusiastic individual with main skills in time management, communication, and teamwork. I am a talented and self-confident Instrumentation Engineering student with proven academic background. I am seeking an entry-level, junior engineer position or internship opportunity in company where I can take a challenging role and make significant contributions to the multiple disciplines of engineering. I believe that my firm knowledge from the university will help me contribute to company goals by joining company's team.

CORE SKILLS & QUALIFICATIONS

- Microsoft Office Suits
- MathWorks-Makers of MATLAB and Simulink
- Multisim
- PLC Programming
- AutoCAD Electrical
- High-quality support
- Technical Documentary
- Technical Writing & Reporting
- Primavera/SAP
- Good Organization
- AutoCAD Plant 3D

WORK EXPERIENCE

Instrumentation and Control Engineer | ADSEA

Baku, Azerbaijan
06/2023-present

- Adjusting and analyzing the root cause investigation of accidents and breakdowns
- Carrying out the selection, installation and repair of control measuring devices and automation equipment according to the technological process
- Identifying and ordering necessary I&C related spares for maintenance and activities on time
- Carrying out work based on maintenance, repair, and test plans prepared annually
- Identify deviations(errors) and adjust control-measuring devices
- Conducting necessary software and hardware revisions for HMI and DCS (Rockwell RS Logix 5000/Allen Bradley and Siemens S7-1200, Siemens S7-300, Schneider Unity Pro)
- Factory acceptance test (FAT). Identify Review of PFD, P&ID and other process-related documents
- Hands-on experience of Honeywell C300 & HC900 - Configuration, programming (Control Builder), I/O mapping, loop testing, and system troubleshooting

Scada Operator | SOCAR-Heydar Aliyev Oil Refinery

Baku, Azerbaijan
07/2021 - 06/2023

- Adjusting the productivity of the block and device due to the requirements
- Warning and elimination of deviations from the set mode and given mode.
- Control raw materials, products, reagents, catalysts, and fuel consumption.
- Participating in finding challenging solutions to complex technical problems
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Automation Engineer /Intern | Stop-Fire LLC

Baku, Azerbaijan
08/2021 - 05/2022

- Applying some technical skills by using a Programmable Logical Controller
- Having the basics of alarm system automation
- Checking up on the instrumentation and troubleshooting

QC Inspector / Intern | CN Co. LTD (Quality Control Technologies Company)

Baku, Azerbaijan

03/2021 - 05/2021

- Carry out NDT testing that ensures the best quality of resources related to the productivity target by minimizing the time for relevant results.
- Perform Liquid Penetrant test on piping or any tools or other material where the test is required
- Performed a thorough visual inspection of possible noticeable external damage inflicted
- Quality control of welded joints in the pipe by the radiographic method.

Electronics Technician/Intern | Scientific Research Institute of the Ministry

Baku, Azerbaijan

02/2019 - 05/2019

- Detection of faults in electronic equipment.
- Solve problems with electrical, electronic, and control-measuring devices to ensure uninterrupted operation of the process.
- Check the integrity of the cables using a tester.

EDUCATION

KHAI, Performed National Aerospace University, **DISTANT**

Kharkov, Ukraine

PHD of Engineering Science

09/2024 - ongoing

Automation, computer integrated systems and robotics

Azerbaijan State Oil & Industry University

Baku, Azerbaijan

Master of Engineering Science:

09/2019 - 06/2021

Computerized Information Measurement Technologies

Core Modules:

- ✓ Control Systems
- ✓ Instrumentation and Measurement
- ✓ Control Reliability of Measuring
- ✓ Digital Signal Processing

Azerbaijan State Oil & Industry University

Baku, Azerbaijan

Bachelor of Engineering Science:

09/2015 - 06/2019

Instrumentation engineering

Core Modules:

- Electronics and Electrical Measurements
- PLC and DCS
- Sensors and signal conditioning
- Industrial Instrumentation

PIECES OF TRAINING, COURSES & CERTIFICATIONS

- Instrument and Control engineering (03/2021) | Azerbaijan Engineering Education Center
- Instrumentation and Control Engineering program (09/2020) | Developia Engineering
- Instrumentation and Automation (15/2022) | Azerbaijan Engineers Union
- Iso:9001,14001,45001: High-Level Structure (02/2021) | Job Edu Company LLC
- HSE: Environmental and Sustainability Principles (02/2021) | Job Edu Company

LANGUAGE SKILLS

- Azerbaijani | Native or Bilingual Proficiency
- English | Upper-Intermediate /IELTS Certification
- Turkish | Very well

PERSONAL INTERESTS

- Listening to Documentary Podcasts

- Team and individual sports
- Exercising and healthcare

PROJECTS

See Breeze Pump Station for Wastewater Treatment Plants

- Installation of Gas Detectors – PROSENSE DPX Series Gas Control Panel with P series Gas Detector
- LULT type Smart control transmitter for the purpose of measuring level with Ultrasonic Level Transmitter

Azer Enerji ASC Gobu Project

- Implementation of the NDT method for welded pipe to find out defects by using Radiographic method

Azerbaijan Engineers Union – Instructor

- Valves and Control Systems in Oil and Gas Industry