

WEB :<http://www.rasulzada.wixsite.com/mycv>  
PHONE : +994553114460  
E-mail : [rasulzada@gmail.com](mailto:rasulzada@gmail.com)



## RAHMAN RASULZADA

**Team Leader /Senior Project Engineer-  
Electric, Instrument&Control**

### SUMMARY

Rahman has over 12 years of engineering, project management, electric, process automation, civil and educational experience with energy civil and industrial projects.

Working oil and gas industry in a number of countries including the USA, Japan, Spain and Azerbaijan. Rahman has worked in FEED design, detailed engineering and as a Client PMT team on site and in a contractors office.

Rahman has experience across the whole range of electrical equipment and design including HV and LV switchgear, UPS systems and LV distribution. Experience in writing philosophies, specifications, datasheets, technical calculations, requisitions and drawings for both FEED and detailed engineering projects

### EDUCATION

<b>Texas A&amp;M University</b> , College Station, Texas USA	May, 2013
❖ Master of Engineering, <u>EE in Control System</u>	
✓ Overall GPA: 3.54	
<b>Texas A&amp;M University</b> , Kingsville, Texas USA	May, 2011
❖ Master of Science, <u>Mechanical Engineering</u>	
✓ Overall GPA: 4.00	
<b>Rice University</b> , Houston /Texas USA	May, 2010
❖ ESL Program,	
✓ Overall GPA: 3.85	
<b>Azerbaijan Technical University</b> , Baku, Azerbaijan	May, 2008
❖ Bachelor of Science, <u>Power Engineering</u>	
✓ Overall GPA: 3.94	

### LANGUAGES

English (fluent), Turkish (fluent), Russian (basic), Azerbaijan (native), Arabic (little)

## WORK HISTORY

### Deputy LEAD ENGINEER - ELECTRIC & CONTROL SYSTEM

Haydar Aliyev Oil Refinery (HAR)

04/2017 - Present

**SOCAR-KBR integrated project management team , Azerbaijan**

EPC PHASE WORKS AND SERVICES ;

Ensured quality and accuracy of General Engineering Services Contractor's and EPC Contractor's Electrical engineering design activities, system integration, and design selection. Supervise and manage the review and approval of General Engineering Services Contractor's and EPC Coordinate the technical guidance required to develop new specifications and update existing specifications in line with Company requirements.

### Sr. EPC ENGINEER - ELECTRIC & CONTROL SYSTEM

JGC CORPORATION

**Tokyo , Japan**

Involved Bahrein Central Gas Plant Project (CGP-III) .

- Technical clarification with vendor.
- Key consideration for control equipment (DCS, ESD, FGS, optical fiber etc) in EPC phase.
- Preparation of Field Instrument Datasheets
- Vendor Evaluation , Data Requisition , Advanced Technical calculation of Vendor documents

### SENIOR ENGINEER - ELECTRIC & CONTROL SYSTEM

Haydar Aliyev Oil Refinery (HAR)

**SOCAR , Azerbaijan**

04/2015 - 04/2017

The project contract consists of two parts: construction of new units (GREENFIELD ) and reconstruction of the existing ones(BROWNFIELD). Rahman joined this project from Pre-FEED , FEED and EPC phases. ( still going ...)

Pre-FEED /FEED Activities ;

Provided , supervision and approval to the FEED contactor Foster Wheeler Electrical engineering staff and design work.

Coordinated and supervise the Electrical engineering aspects of the client side to ensure the technical objectives are met within the approved scope, budget, and schedule.

Supervise, oversee and coordinate regular and timely technical reviews of Electrical related engineering deliverables developed by FEED Contractors, ensuring design optimization in compliance with relevant codes, standards, and best practices.

Closely interfaced with Company departments, co-ordinate and interface with other Technical

## **ENGINEERING LECTURER (part time)**

Khazar University , Baku Engineering University ,  
Baku Higher Oil School 2015- 2017

Beside Engineering career , Rahman has experience ( hobby) in mentoring/coaching teaching in a local universities. Rahman have given lecture in a following courses ; Robotics , PID Control system , Embedded system , Electrical Engineering safety etc

## **POWER& CONTROL SYSTEM ENGINEER**

Oil Gas processing and Petrochemical Complex (OGPC)

**SOCAR , Azerbaijan**

04/2014 - Present

SOCAR started the implementation of the construction of the new Oil and Gas Processing and Petrochemical Complex (OGPC). Contracts have been signed with the world-renowned companies as "Technip", "Foster Wheeler", "UOP", "FLUOR", "KBR", "Societe Generale", "PricewaterhouseCoopers", "OMNI", "Clifford Chance" and AECOM.

Responsible for FEED and EPC of the electrical and instrumentation facilities comprising new MV substations fed directly from Thermal Power Plant as well as local power authority national grid, MV Motor/VSD system and auxiliary switchroom / control room complex. Scope included interfacing with the local power authority to define and manage the power supply requirements and agreements.

Provide engineering services as member of Client's project team for additional 300MW power plant, including 1x Frame 9E Gas Turbine, 1x Steam Turbine, 5x frame 6B gas turbine , National Grid connection and tie-ins to existing plant and 3rd Party 400kV interfaces.

Responsible for developing the Basic Engineering Package based on a consolidated listing of the upgraded and additional electrical loads and infrastructure modifications required. Scope included the load monitoring of 15 substations to determine spare capacity. Main Electrical and Automation Contractors MAC/MEC) selection.

## **PROJECT DESIGN / RESEACH ENGINEER**

Texas engineering experiment station (TEES) , **CS Texas United State**  
2012 - 2013 (1 YEAR)

Texas A&M Engineering Experiment Station (TEES) has served the citizens of Texas through engineering and technology-oriented research and educational collaborations. TEES research has made significant impact on the health, safety and quality of life of Texas citizens and has contributed to the state's economic growth and development. As Project Design Engineer Rahman worked on ; Transfer technology from research and development activities to useful applications , Support

interdisciplinary fundamental and applied research , Enhance our educational systems including Engineering Teaching to college students , lab activities , research development etc.

**INFORMATION TECHNOLOGY & NETWORK ADMINISTRATOR** *partners; Texas*  
Education Agency (TEA)

Sch. Of Science and Technology

Corpus Christi , Texas .USA

2009 - 2012

Administrated Software Systems in K-12 School District (40 campus) .Directed Control and Maintenance Systems (Access Database , Server) Developed Network Connection , and Wireless Communication ,Built Security Camera and their controls. Assembled Laptops & Desktops to Network.

**ROBOTICS ENGINEER/MENTOR** *partners; FIRST, BEST ,*  
MATLAB, LABVIEW

Sch. Of Science and Technology

Corpus Christi , Texas .USA

2009 - 2012

Mentored University and High School Students in Robotics Competitions . Worked extensively with team members during the build season, designing, building, and fabricating a functional robot for Competition.Developed Engineering Solution to Built Robots. Encouraged Students to involve STEM. Tutored Engineering programs (CAD, Adobe,LABView). Achieved Texas State Honor Engineering Mentor.Won Texas State Robotics Competition Championship.

**DEPUTY PROJECT MANAGER** DIA HOLDING, EVIM Construction &  
Insulation , **Azerbaijan**

2007-2008

Deputy Project Manager on the construction of side-underpasses of Bagirov bridge in Baku Azerbaijan. Estimated cost efficiency of materials for construction , Calculated risk management for construction cost , Researched the competitive materials for construction projects. Analyzed new and potential projects on Market for the daily management and implementation of the initiative, coordinating activities between the various groups involved (Communications, Talent Development, Human Resources, Operations, etc), managing the initiative budget and progress reporting. Other activities include chairing regular teleconferences with the network of global champions, management updates and presentations, development and roll out of training workshops and input into new and/or updated practices and guidelines.

## CONSTRUCTION SUPERVISION

EVIM Construction & Insulation ,  
Bilgah Villas  
2006-2007

*partners;* Baku Flame Towers, Baku

Cultural Center , **Baku Azerbaijan** Premium Villas

Managed 3 departments ; Construction , Marketing , Sales Directed the completion of all field activities ,Supervised Engineers , Workers , and Subcontractors duties .Motivated and traced the construction engineers and workers

Coordinated engineering teams in Bridge , Construction , and transportation fields .Remodeled engineered solution for construction system insulation

## TRANING, CERTIFICATE AND LICENSE

### Training

- Successful Training on Nuclear Energy Safety ,America Nuclear Energy Institute
- Successful Training on Robotics mentoring ,Houston Harris Country
- Successful Training on Introduction to Leadership ,Influence and Organizational Design

### Certificate

- Registered Fundamental of Engineering License (FE) , State of Texas
- ESL Certificate of Advanced Reading , Writing and Speaking ,Rice University
- IT Management Certificate , Cosmos Foundation
- ABB “Functional Safety Management ”
- ABB “Alarm Management”

### License

- Texas and Maryland Driving License “C”
- Azerbaijan Driving License “BC”

## PUBLICATIONS

### **RoboPander**

National Science Foundation March 11, 2012

Authors: Rahman Rasulzada, Ph.D Muhittin Yilmaz

Research Paper to National Science Foundation (NSF).

## PATENTS

### **HumCar**

United States Patent Application 2518790

Inventors: Rahman Rasulzada, Resmen Hacıyev

#### Detailed Description Of Invention:

HumCar utilizes human energy to move and charge a small vehicle. The invention consists of a bio-engine, which is placed in the engine section of an automobile. Also installed is a generator with the power capacity of 220 volts. The generator may be placed over the speed box of the bio-engine. This is combined with the outlet axis and belt. There are also lithium-ionic batteries in the box, especially made in the baggage of the automobile and linked to one another in consecutive order by means of a cable. The pedals may be placed under the feet of a driver in the hall. The driver may bring into action the flywheel in the gearbox at any time. The action of the flywheel is transmitted to the gearbox and the generator installed on the gearbox rotates it at the required speed. As a result, the power of 220 volts is gained. After the power made is transmitted to the increasing transformer, it is conducted to the engines. During the direct use of power made through the generator, the batteries are separated from the system and their fill is provided. During the use of the batteries, the action of the generator is stopped. The exact specifications may vary.

Rahman has Azerbaijan natinality , has worked