

Curriculum Vitae

KARIM EYYUBOV TAHIR

Personal Data

<i>Nationality</i>	Azerbaijani
<i>Residence</i>	A.Aliyev str.45, apt.51 Baku Azerbaijan
<i>Date of birth</i>	18/08/1976
<i>Phone</i>	(012) 5647870 (home) (055)772 44 26 (mobile)
<i>Marital Status</i>	Married
<i>E-mail</i>	network4@rambler.ru
<i>Military status</i>	Officer in reserve (lieutenant)

Education:

<i>1993-1997</i>	Baku State University (bachelor in physics)
<i>1997-1999</i>	Baku State University (master in physics)
<i>2000-2003</i>	NANA, post-graduate school (Ph.D in chemistry)

Work Experience:

Period	Sept. 2014-today
Company	Khazar University
Position	Head of Chemistry department
Location	Baku, Azerbaijan

Functions and responsibilities:

- *Management of work of the chemistry department*
- *Teach Physics and Chemistry courses*
- *Conduction of experiments in the chemistry lab of University*
- *Participation on issuing of Khazar Journal of Science and Technology*

Period	August 2013-august 2014 (shift work)
Company	Intertek Azeri LTD (BP subcontractor)
Position	Senior chemist
Location	Sangachal Terminal near Baku , Azerbaijan

Functions and responsibilities:

- *Analysis of oil (water cut, density, vapor pressure, salt, sediment, pour point)*
- *Analysis of gas (hydrocarbon dew point, moisture dew point, H₂S content)*
- *Analysis of MEG (pH, alkalinity, specific gravity, total dissolved salts)*
- *Entering of obtained data in worksheets and computer databases*

Period	2003-2013
Company	Institute of Radiation Problems – “Radiation chemistry of heterogeneous systems” lab.
Position	Major scientific worker
Location	Baku , Azerbaijan

Functions and responsibilities:

- *Carrying out experiments with EPR, IR, mass-spectroscopy methods and also chromatography. Analysis of final products in gaseous and liquid fazes after γ -irradiation of water-hexane system.*
- *Receiving the hydrogen from water mixtures under influence of γ -radiation and separation of heavy hydrocarbons from water. Calculation of chemical yield of hydrogen and light hydrocarbons (methane, ethane, propane) after irradiation of water-hexane system in the presence of Al_2O_3 catalyst*
- *Mathematical modeling of radiation-chemical processes by using of GEPASI program for Windows.*
- *Analysis of polluted waters from Absheron peninsula and their purification. Studying of the influence of aromatic hydrocarbons on the yield of molecular hydrogen and light hydrocarbons in gaseous faze.*

Period	2008-2009
Company	Titan Group
Position	Engineer of cooling equipment
Location	Baku Azerbaijan

Functions and responsibilities:

- *Calculation of cooling systems (cooling agent; material, length and diameter of tubes; calculation of the final price of necessary equipment)*
- *Selection of corresponding equipment from catalogues based on the above indicated calculation*
- *Preparing of drawings using Autocad software.*
- *Supervising of the work of cooling system after installation*

Period	1999-2003
Company	Institute of Petrochemical Processes
Position	Minor scientific worker
Location	Baku Azerbaijan

Functions and responsibilities:

- *Carrying out experiments with EPR, IR, mass-spectroscopy methods and also chromatography*
- *Receiving the hydrogen from water mixtures under influence of photons and separation of heavy hydrocarbons from water.*
- *Producing of oil luminophors for industrial purposes in the presence of different catalysts*

Period	2004-2008
Company	Meridian
Position	Teacher of physics and computer skills
Location	Baku Azerbaijan

Functions and responsibilities:

- Teaching students for physics (9-11 classes)
- Preparing tests for exams.
- Teaching students for computer programs (especially designing programs, i.e. Autocad and 3DSMax)

Period	2000-2012
Company	Dahi
Position	Teacher of computer skills
Location	Baku Azerbaijan

Functions and responsibilities:

- Teaching students for computer programs (especially designing programs, i.e. Autocad and 3DSMax)
- Adjustment and servicing the office equipment

Language skills:

Languages:	reading	speaking	writing
<i>Azeri</i>	native	native	native
<i>Turkish</i>	excellent	excellent	excellent
<i>English</i>	excellent	good	excellent
<i>Russian</i>	fluent	fluent	fluent

Attended Courses:

1. *Regional Training Course on Nanomaterials & Radiation: Synthesis, Characterization, Applications, Reims, France. Nov-Dec.2009. Awarded of certificate. This course was dedicated on information about modern ways of nanomaterials producing for industry purposes.*
2. *Joint ICTP – IAEA Advanced School on the Role of Nuclear Technology in Hydrogen-Based Energy Systems. Trieste, Italy. 13-18 June 2011. Awarded of certificate. This school was dedicated on new ways of hydrogen production, its transportation and storage by using of nuclear technologies*

3. *Post-Doc Scholar Research titled “Photo catalytic and electrophotocatalytic hydrogen production from water using carbon nanotubes as catalyst” in the fac. of Chemistry and Biochemistry of the Notre Dame University, South-Bend, IN, USA. From 01.04.2012 to 01.09.2012. Essential target of this research was hydrogen production from water and water purification from phenols and some bacteria by methods of chemical engineering, more accurately a modification of carbon nanotubes surface by the sol-gel, plasma and microwave methods for more successful dissociation of water and absorption of chemical waste on the catalyst surface.*
4. *First Aid course. OTI Azerbaijan company, September 2013, Baku Azerbaijan. Awarded of certificate.*
5. *Basic Fire Fighting (BFF) course. OTI Azerbaijan company, November 2013, Baku Azerbaijan. Awarded of certificate.*
6. *COSHH course. OTI Azerbaijan company, November 2013, Baku Azerbaijan. Awarded of certificate.*
7. *IOSH course (Module 1 and 2)*
8. *OPITO course (Separators in Oil-Gas industry)*

Computer skills:

MS Windows, MS Office, Internet, Corel Draw, Adobe Photoshop, Autocad 2007-2012, 3DSMax. Also installation of hardware and software and creating of local networks.

Driving license:

B category