



Curriculum vitae Europass



Personal information

Name(s)/surname(s): **ALEJANDRO OSORIO POZO**
Marital status: single
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Nationality: Mexican
Birth Date: 09-October-1982

Desired employment *Petroleum Engineer/Chemical engineer*

Work experience

Dates: **March 2013 – October 2013**
Occupation or position held: Process Engineer (Level A)
Main activities and responsibilities: Selection of meter devices, designing of measurement stations, Equipment Sizing (pipelines, separators, heat exchangers, containers and absorptions columns), process simulation, interpretation of Process flow diagrams, Interpretation of Piping and instrumentation diagrams.
Name of employer: COIMSUR
Type of business or sector: Production and Flow measurement technologies for oil and gas.

Dates: **February 2010 – Present**
Occupation or position held: Associate professor
Main activities and responsibilities: Teach the following subjects: Distillation, synthesis of energy recovery networks, gas absorption, fluid mechanics, Process simulation and thermodynamics.
Name of employer: ESI - CHEMICAL ENGINEERING SCHOOL OF COATZACOALCOS
<http://www.esiapi.edu.mx/>
Type of business or sector: Education

Dates: **January 2010 - August 2010**
Occupation or position held: Process Engineer (Level B)
Main activities and responsibilities: Process simulation, interpretation of Process flow diagrams,

Name of employer:	Interpretation of Piping and instrumentation diagrams COPESA http://www.cncopesa.org/
Type of business or sector:	Engineering and design
Dates:	June 2009 - September 2009
Occupation or position held:	Chemical analyst
Main activities and responsibilities:	- Chromatographic analysis - Volumetric analysis
Name of employer:	CELANESE OF MEXICO
Type of business or sector:	Petrochemistry
Dates:	August 2008 - January 2009
Occupation or position held:	Process Engineer (Level C)
Main activities and responsibilities:	Process Simulation
Name of employer:	COPESA http://www.cncopesa.org/
Type of business or sector:	Engineering and design
Dates:	September 2006 – July 2008
Occupation or position held:	Associate professor
Main activities and responsibilities:	Teach the following subjects: Distillation, synthesis of energy recovery networks, gas absorption, fluid mechanics, Process simulation and thermodynamics.
Name of employer:	ITESCO - Coatzacoalcos Technological Institute http://www.itesco.edu.mx/Web/
Type of business or sector:	Education
Dates:	May – August 2005
Occupation or position held:	Intern
Main activities and responsibilities:	Supervised practice by professionals in the field: security and environmental protection
Name of employer:	Pennwalt Company
Type of business or sector:	Petrochemistry
Dates:	August 2004
Occupation or position held:	Intern
Main activities and responsibilities:	Study to evaluate the affectation grade and damages in the Tepeyac lagoon due to hydrocarbons - Soil sampling - Chromatographic analysis - Volumetric analysis - Soil bioremediation
Name of employer:	PEMEX AND VERACRUZANA UNIVERSITY
Type of business or sector:	Environmental protection
Dates:	April – July 2000
Occupation or position held:	Intern
Main activities and responsibilities:	Supervised practice by professionals in the field: - Chromatographic analysis

Name of employer:
Type of business or sector:

- Volumetric analysis
- Quality Control activities
PEMEX
Drilling, Production and Reservoir Engineering

Education and Training

Date:
specialization
Name and type of organization
providing education and training:
Principal subjects/occupational skills
covered:

October 2013 - Present
PhD. Student In Petroleum Engineering
Oil & Gas University of Ploiesti - Romania
<http://www.upg-ploiesti.ro/>
Subsurface hydraulics, reservoir engineering, Process simulation in
reservoir exploring and exploitation, project management in
reservoir exploitation, experimental data processing

Date:
specialization
Name and type of organization
providing education and training:
Principal subjects/occupational skills
covered:

October 2011 – February 2013
Master in Petroleum Production
Oil & Gas University of Ploiesti – Romania
<http://www.upg-ploiesti.ro/>
Applicative mathematics, Numerical simulation bases in petroleum
exploitation, depollution technologies, petroleum production
systems, well log interpretation, marine well production, well
stimulation, natural gas production, treatment and storage, Testing
of wells, production system optimization, petroleum management,
Well control

Date:
Specialization:
Name and type of organization
providing education and training:
Principal subjects/occupational skills
covered:

July 2005 – September 2006
Energy Engineering
Matanzas University – Cuba
<http://www.umcc.cu/>
Heat and Mass Transfer, Refrigeration and Air Conditioning, Thermal
machines (Technology and optimization), alternative energies

Date:
Specialization:
Name and type of organization
providing education and training:
Principal subjects/occupational skills
covered:

August 2000 – February 2005
Bachelor degree in Chemical Engineering
VERACRUZANA UNIVERSITY – México
<http://www.uv.mx/>
transformations/Unit Operations

Personal skills and competences

Mother language:

Spanish

Other language(s):

English: B2
Romanian: B2
Chinese: Basic

Social skills and competences:

The ability to adapt to new situations and new environments; I am

used to work in a multicultural environment and I am used to work in team and to offer my knowledge and skills to solve problems fast and efficiently.

Organizational skills and competences:

Highly organized, dynamic, excellent planning skills with great attention to detail and ability to prioritize work

Computer skills and competences:

- Microsoft Office (advanced)
- Hysys(Intermediate)
- MathCad
- AutoCad(basic)
- Pipesim (basic)
- Eclipse (basic)

Additional information

Awards:

- *Special jury prize in the section of drilling and completions*; Gubkin University of Moscow. (14 November 2011)
- *Research stay at The Texas University in Austin*; I was invited By PhD. Jose A. Rocha Uribe. (August 2007 – January 2008)

PhD. Essays:

- *Study on behavior of gaseous systems (Gas and gas-condensate reservoirs)*. May 2015
- *Forecast models of behavior of gaseous systems (gas and gas-condensate reservoirs)*. October 2015
- *Complications in production operations of gas and gas-condensate reservoirs, solving by numerical solutions*. May 2016

Publications:

- *ABP 1 - Diseño de una Columna de destilación Binaria para separar chiclohexanona de ciclohexanol* – Osorio Pozo Alejandro and Rocha Uribe José; Revista IMIQ; México City 2008
- *Primary Cementing* – Osorio Pozo Alejandro and Rares Petre; Moscow 2011
- *New Correlations for predicting Critical Pressure and Critical Temperature of C₇ plus fraction* – Osorio Pozo Alejandro, Viveros Cruz Martin and Nistor Iulian; Bulletin UPG 2017; Ploiesti 2017
- *New Correlations set for prediction of Boiling Point Temperature of C₇ plus fraction* – Viveros Cruz Martin, Osorio Pozo Alejandro and Nistor Iulian; Bulletin UPG; Ploiesti 2017