

GEORGE STEVEN VEGA CANO

Chemical Engineer

☎ (+57) 312 315 03 89

🌐 George Vega

georges.vegac@utadeo.edu.co

Calle 183 # 17- 32 Apt 407

Bogotá D.C - Colombia

Chemical engineer with experience in water treatment, operation of pilot plants, and validation and qualification in pharmaceutical process, seeking to get a job in the environmental field. I am respectful person how can work independently or as part of a multi-cultural team, I can easily adapt to change and quick to learn new skills.

Profile

I am so interested in the permanent actualization of engineering and research topics, moreover in the learning languages.

Arbofarma Bogotá D.C, Colombia

Pharmaceutical Validation Analyst

Nov. 2019 – Present

Work
Experience

- Validation and Qualification of HVAC and Water System.
- Quality Control of Process
- Creation and Upgrading of Information and documentation according to the VPM (Validation Master Plan)

OCHS Chemical Products S.A.S Cota, Colombia

Technical Analyst

Sep. 2018 – Jun. 2019

- Creation and Upgrading of MSDF of Chemical Substances according to GHS
- Support to R&D Department in order to create or modify new products
- Responsible for the development of physico-chemical tests for raw materials and finished products of the company

ABInbev - Bavaria S.A - Tocancipá Brewery, Colombia

Internship Student of Chemical Engineering

Jul. 2016 – Jan. 2017

- Monitoring and control of dosage of ferric chloride at WWTP
- Inventory of Chemical Sustances used at WWTP and DWTP
- Upgrade of MSDF of Chemical Sustances used in the Brewery
- Support to calculate the KPI's for the brewery

Universidad Jorge Tadeo Lozano Bogotá, Colombia

Research Assistant

Apr. 2016– Jun. 2016

- Preparation of samples for supercritical fractionation
- Execution of experimental measures with the principal investigator
- Operation of Supercritical Fluid Extraction (SFE) System (Packed Column and Extractor)

	<hr/> <p> Universidad Jorge Tadeo Lozano Bogotá, Colombia <i>Centro Investigación en Procesos de Ingeniería (CIPI)</i> <i>Pilot Plant Technician</i> Sep. 2015 – Mar. 2016 </p> <ul style="list-style-type: none"> - Provided academic and professional advice for students - Operation of laboratory and pilot plant equipment as well as elaboration of technical manuals for equipments. - Handling of chemicals in laboratory <hr/>																										
Education	<p> Universidad Jorge Tadeo Lozano, Bogotá D.C, Colombia <i>Bachelor degree in Chemical Engineering</i> 2010–2018 </p> <ul style="list-style-type: none"> - Cumulative GPA: 4.00/5.00 - Thesis: Evaluation of degassing and contact time on the quantification of acidity and basicity total of activated carbons - Advisor: Laura Conde Rivera Ph.D <p> Instituto Tecnico Industrial Centro Don Bosco, Bogotá D.C, Colombia <i>Secondary technical school</i> 2003–2008 </p> <ul style="list-style-type: none"> - Technical training program with emphasis in graphic arts <hr/>																										
Courses	<p> Pontificia Universidad Javeriana, Colombia <i>High Performance Liquid and Gas Chromatography (HPLC-GC)</i> 2019 </p> <p> <i>Global Harmonized System - Basic</i> 2018 </p> <p> Servicio Nacional de Aprendizaje, Colombia <i>Fundamentals of Quality management system</i> (online) 2018 </p> <p> <i>Operation of water purification systems</i> (online) 2018 </p> <hr/>																										
Events	<p> 15th European Meeting on Supercritical Fluids, Essen. Germany <i>Supercritical fractionation of colombian green oil using a packed column for obtaining functional compounds: A preliminary evaluation</i> 2016 </p> <p>Work presented as conference poster with participation as co-author.</p> <hr/>																										
Software Proficiencies	<p> <i>Working knowledge</i> Microsoft Office Suite, L^AT_EX, Linux Mint, Windows 7/8 </p> <p> <i>Basic knowledge</i> Python, VBA for Excel </p> <hr/>																										
Languages	<table> <tr> <td></td><th colspan="2">Reception</th><th colspan="2">Interaction</th><th colspan="2">Production</th></tr> <tr> <td></td><th>Listening</th><th>Reading</th><th>Spoken</th><th>Written</th><th>Spoken</th><th>Written</th></tr> <tr> <td>English</td><td>B1</td><td>B1</td><td>B1</td><td>B2</td><td>B1</td><td>B2</td></tr> </table> <hr/>							Reception		Interaction		Production			Listening	Reading	Spoken	Written	Spoken	Written	English	B1	B1	B1	B2	B1	B2
	Reception		Interaction		Production																						
	Listening	Reading	Spoken	Written	Spoken	Written																					
English	B1	B1	B1	B2	B1	B2																					
References	<p> <i>Byron Daniel Yépez Villarreal</i> Chemical Engineer-Senior Research Scientist Ceapro Inc.(Edmonton, Alberta Canada) Email: byryopez@gmail.com </p>																										