guzmán**López**
Marine Biologist and IT Analyst student

about
30 years
Male, Uruguayan
🏠 Montevideo,
Uruguay

contact
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✈ @Guzman
 guzmanlopez

languages
Spanish Native
proficiency
English Elementary
proficiency

programming
♥ R Language (6 Years)
JavaScript, HTML5 &
CSS (3 Years)

Additional knowledge
on SQL
ASP.Net with C#

OS
🐧 Linux

interests

professional: Data Analytics, Big Data, Programming, Research, Databases, Spatial analysis, Geographic Information Systems, Hydroacoustics, Seabed habitat mapping, Echosounders, Sonars, Marine ecology, Fisheries, Fish behavior, Marine Traffic analysis **personal:** Friends, Tango dancing (Teaching & Dancing), Hiking, Ocean, Wildlife, Books.

education

2015-Now **IT Analyst**   ORT University – Faculty of Engineering, Montevideo
Courses until now:
Databases II (SQL syntax, queries, triggers) – Currently studying
Programming III (ASP.Net with C#) – Currently studying
Databases I (SQL syntax, queries, ERM) – 82/100 (partially approved, last exam)
Programming II (ASP.Net with C#) – 88/100 (partially approved, last exam)
Usability and Accessibility workshop (CSS) – 96/100 (totally approved)
Programming I (JS, HTML) – 100/100 (totally approved)
Computing Introduction – 86/100 (totally approved)

2004-2011 **Biology sciences graduate**   University of the Republic – Faculty of Sciences, Montevideo
Specialization in Oceanography

Global mark: 9.44   1 to 12 (max)
Courses: 23 approved / 23 total
Exams: 26 approved / 24 total (+2 exonerated)

2003   **Bachelor Degree**   Pre-University Institute Juan XXIII, Montevideo
Specialization in Agronomy

Mark: 9   1 to 12 (max)

1998-2002 **High School Student**   Pallotti High School, Montevideo
Specialization in Biology

Marks: 12 (1998) – 12 (1999) – 11 (2000) – 12 (2001) – 11 (2002) 1 to 12 (max)

experience

2014-Now **National Direction of Aquatic Resources (DINARA)**   Montevideo, Uruguay
Hydroacoustic consultant
Acquisition, processing, visualization and analysis of scientific echosounder and sonar data.

2013   **Project: FREPLATA II (PNUD - GEF)**   Montevideo, Uruguay
Oceanographic data management assistant
Organization, systematization and analysis of historical and new generated data relating to meteorological and oceanographic variables.

2010-2012 **Project: Fisheries Management in Uruguay (DINARA - FAO)**   Montevideo, Uruguay
Hydroacoustic consultant specialist
Acquisition, processing, visualization and analysis of scientific echosounder and sonar data.

2009	**Subprojects: Whitemouth croaker and Argentine hake (FAO - Ricaldoni Foundation)**

Montevideo, Uruguay
Hydroacoustic technical support
Acquisition, processing, visualization and analysis of scientific echosounder data from Argentine hake and Whitemouth croaker fish abundance assessment surveys abroad research vessel "Aldebarán".

2008	**National Direction of Aquatic Resources (DINARA)**	Montevideo, Uruguay

Hydroacoustic collaborator.
Help acquiring, processing and visualizing acoustic data from the research survey: "Assessment of the Hawkfish by means of hydroacoustic methods and classic swap area in the Uruguayan Exclusive Economic Zone (EEZ)", abroad the research vessel "Aldebarán".

research

2007-Now	**Activities:**

+25 research reports
+15 research surveys abroad different vessels
13 complementary courses
7 communication instances (oral presentations and posters)
4 different teaching instances
3 peer-reviewed co-author articles
2 student research projects

complementary courses

most important

2014	**Introduction to databases analysis using R**	University of the Republic - Course

Approved: without mark

2014	**Linux network administration**	Linux Center - Course

Mark: 100/100

2011	**Introduction to R language programming**	University of the Republic - Course

Approved: without mark

2009	**Effective publication of scientific information**	UNESCO - Course

Approved: without mark

publications

most important