

DIEGO ALARCÓN

M.Sc. in Remote Sensing

@ diego.alarcondiaz@gmail.com 015255311223 Leistenstraße 20, Würzburg 97082
Würzburg, Germany diegoalarcondiaz diegoalarc DiegoAlarcnDaz2



ABOUT

Master in Remote Sensing and Land surveyor Engineer, with 9 years of experience in working with geographic information systems (GIS), extensive knowledge in software handling, human resource management and development projects. I work results-oriented and purposefully, try to make a valuable contribution to the organization and make decisions independently and critically.

EXPERIENCE

Customer Support Engineer

UP42

Oct 2021 – Currently Würzburg, GER

- Coordination and compliance review of restricted and commercial data access.
- Resolution of technical issues in console, API and SDK.
- Configuration and management of the Zendesk platform for Customer Support.
- Internal support to other teams in the use of GIS, python and other tools.

Senior GIS Analyst

Aguas Andinas

Nov 2018 – Sep 2019 Santiago, CL

- Support and update of the GIS Department database.
- Update of the geodesic network of the company by using geodetic GPS.
- Process optimization for internal company information using ArcGis and Python.

Survey Engineer

Digimapas Chile Aerofotogrametría Ltda

Jul 2018 – Sep 2018 Santiago, CL

- Survey of data in the field by means of Total Station and Geodetic GPS.
- Generation of digital cartography for various civil works and mining projects.
- Analysis of Lidar data for finished products in various civil works and mining projects.
- Processing of data obtained in the field.

Trainee Planning Engineer

KTS Kabeltechnik GmbH

Apr 2018 – May 2018 Fulda, GER

- Fiber optic pipe and cabling planning for the regions of North Rhine-Westphalia and Hessen in the Federal Republic of Germany, with the use of GIS and aerial images.

Senior Project Engineer

Aconcagua Solutions

Oct 2016 – May 2017 Santiago, CL

- Data processing for filtering, increasing data quality and visualisation.
- Web scraping for public institutions information in Chilean and other South American companies.

EDUCATION

M.S. in Remote Sensing, EAGLE

Julius-Maximilians-Universität Würzburg

Sept 2019 – Dec 2021

B.S. in Surveying engineer

Universidad de Santiago de Chile

Mar 2006 – Oct 2011

MOST PROUD

Innovation
Creation of the official R GeodesiCL package.

Education
Achieve the dream of doing an internship at the DLR in Germany.

Mentoring
Creation of the Geocodigos Chile project where I taught the principles of coding for the geosciences.

MAIN SKILLS

Windows, Apple & Linux
ArcGis QGIS
Python R
100% proficiency in 10 skills (represented by 10 circles, 10 are filled)

LANGUAGES

Spanish English German
100% proficiency in 3 languages (represented by 3 circles, 3 are filled)

Field Analyst II

Here Maps

📅 Sep 2013 – Feb 2016

📍 Santiago, CL

- Management of several projects, including Auto Dealership, Point of Interest, Extended lane.
 - Field data collection using MultiCam technology.
 - Data Base Engineer representative in Chile.
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Project Engineer

Municipality of Providencia

📅 Apr 2012 – Feb 2013

📍 Santiago, CL

- Lead cartographic and IT implementation projects.
 - Creation of an Excel Macro for the generation of Semiautomatic Report.
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Project Engineer

Interra Chile

📅 Jan 2012 – Mar 2012

📍 Santiago, CL

- Manual classification of terrain data including generation of and editing of digital terrain models.
- Identification and interpretation of elements contained in orthoimages and subsequent generation of models.

REFERENCES

PhD. Sarah Schönbrodt-Stitt

@ University of Würzburg

✉ sarah.schoenbrodt-stitt@uni-wuerzburg.de

🌐 sarah-schönbrodt-stitt-5b2556ba

Msc. Jhonier Santa Maria Neira

@ Aguas Andinas

✉ jsantamaria@aguasandinas.cl

🌐 jhoniersantamaria

Msc. Alejandro Barrionuevo

@ Here Maps

✉ aabarrionuevo@gmail.com

🌐 alejandro-barrionuevo

Msc. Marius Witt

@ PeTerra GmbH

✉ witt.marius@web.de

🌐 marius-witt