

WALTER ZUÑIGA H.

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PERSONAL INFORMATION

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OBJECTIVE

My main objective is to work with an organization that provides me the opportunity to improve my skills and knowledge, grow along with the organization's objective generating solutions by using my skills in web development (full-stack) data visualization and data science.

LANGUAGES

Spanish (*native*), **English** (*advanced*), **Portuguese** (*advanced*)

EXPERIENCE

Infobox

March 2021 - November 2022

Java-ReactJS Full-Stack Developer

Lima, Perú

- Development of an integration system for different health institutions in Germany and development of the pilot ICU bed management system for the Peruvian Ministry of Health.
- Tools and Stack: Java 13, Spring, Spring Boot, ReactJS, MariaDB, Material Design.

ANFA

October 2020 - February 2021

Python Full-Stack Developer

Arequipa, Perú

- Development of a system for sending Invoices to SUNAT from SAP business one, consuming a REST API and version control on Github.
- Tools and Stack: ODOO v12, JavaEE v8, QWeb, PostgreSQL, Bootstrap.

Fundação Getulio Vargas (FGV)

June 2019 - October 2020

Data Scientist

Rio de Janeiro, Brazil

- Development of an interactive visualization system for Anomalies in space-time data (Data Science).
- Tools and Stack: Django, Django REST framework, ReactJS, D3.js, Deck.gl, react-map-gl, Bootstrap, pandas, numpy, numba, altair, plotly

InkaLabs

June 2020 - September 2020

Python-ReactJS Full-Stack Developer

Arequipa, Perú

- Development of online sales system, payment gateway and development of investment control system, SCRUM development methodology.
- Tools and Stack: ReactJS (Typescript y JavaScript), Django, Django REST framework, GraphQL.

Art Atlas

March 2016 - April 2018

Python Full-Stack Developer

Arequipa, Perú

- Development of ERP systems for internal control of products and production of the company, integration with SAP Business one through web service, reports and version management on Github.
- Tools and Stack: ODOO v8, Java 7 y 8, JavaEE v8, SOAP, QWeb, Github.

EDUCATION

Universidad Católica San Pablo, Arequipa

May 2018 - December - 2019

Candidate to Master in Computer Science

Department of Computer Science

Universidad Nacional de San Agustín, Arequipa

April 2013 - December 2017

Bachelor of Systems Engineering.

TECHNICAL STRENGTHS

Programming Languages

Python, Java, JavaScript, TypeScript, C/C++

Computer Science Skills

Machine Learning, Data Science, Data Visualization

Frameworks and libraries

Python (Back-End)

Django, Django REST framework, Django ORM, Odoo (8 y 12)
Pyscopg, Flask

Java (Back-End)

Spring, Spring Boot, Apache Tomcat, GlassFish, Google Engine
Hibernate

JavaScript (Front-End)

ReactJS (JavaScript, TypeScript), AngularJS, JQuery, D3.js,
Deck.gl, React-Map-gl, Bootstrap

Databases

MySQL, MariaDB, PostgreSQL, GraphQL, SQL Sever

Testing and Web scraping

Selenium, Puppeteer, Scrapy

Developer Skills

REST, SOAP, Git(Gitlab, Github)

Linux (Ubuntu, Debian)

Development methodologies

SCRUM

RELEVANT PROJECTS

Anomaly Detection on Spatio-Temporal Traffic Data

This project aims to detect global, collective and contextual anomalies of Spatio-temporal traffic data using statistic data depth in time series and spatial-time surfaces showing the results using data visualization techniques.

Improvement Detection of biomass in the Peruvian highlands using PeruSat-1 images

This project proposes to improve biomass detection, based on the NDVI algorithm using satellite images from PeruSat-1 and images captured by drones, using image segmentation techniques and classifiers with neural networks in tensorflow (python)

ACADEMIC ACHIEVEMENTS & CONFERENCES

Universidad la Salle Development of highly interactive applications in Java EE7.

2016

Master in Computer Science Scholarship, CONCYTEC, Universidad Católica San Pablo.

2018

Higher Fifth: In the class of Systems Engineering.

2017

ACM-ICPC Programming Contest Participant.

2017

IEEE VIS 2019 International Conference on Data Visualization (Vancouver, Canada).

2019

Summer School on Data Science at Fundação Getulio Vargas (Rio de Janeiro, Brazil).

2020

Programa de Verão on Data Science at Fundação Getulio Vargas (Rio de Janeiro, Brazil).

2020

EXTRA-CURRICULAR

ACM Student Member, 2019

Member of ACM Student Chapter at UNSA, 2017

Member of Microsoft Student Partner (MSP) at UNSA, from 2016 to 2017