

WALTER ZUÑIGA H.

wzunigah@gmail.com

PERSONAL INFORMATION

Email: wzunigah@gmail.com

Phone: +51 959314336



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

Scantech

Java-Angular Full-Stack Developer

April 2023 - Present

Montevideo, Uruguay

- Development of web applications, implementation of features, application maintenance, performance improvement in frontend and backend, continuous deployment using Gitlab software and use of agile methodologies in development.
- Tools and Stack: Java Spring boot, Angular (TypeScript), GIT, SCRUM, Figma.

Zoluxiones (Scotiabank)

Java-ReactJS Full-Stack Developer

February 2022 - April 2023

Santiago, Chile

- Development and migration of microservices in Scotiabank Chile, management of microframeworks and REST queries, integration with security and management of authentication between microservices and frontend.
- Stack: Java Spring boot, ReactJS (JS y TypeScript), Canva, Material Design, GIT, Microservices.

Infobox (Nubedian)

Java-ReactJS Full-Stack Developer

February 2021 - February 2022

Karlsruhe, Alemania

- 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

Python Full-Stack Developer

October 2020 - February 2021

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)

Data Scientist

June 2019 - October 2020

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

Java, Python, 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)
Fast API, Psycopg, Flask**Java (Back-End)**Spring, Spring Boot, Apache Tomcat, GlassFish, Google Engine
Hibernate**JavaScript**NodeJS, ReactJS (JavaScript, TypeScript), Angular, AngularJS,
JQuery, D3.js, Deck.gl, React-Map-gl, Bootstrap**Databases**MongoDB, MySQL, MariaDB, PostgreSQL, GraphQL
SQL Sever, Oracle**Testing and Web scraping**

Selenium, Puppeteer, Scrapy, Postman, Proxys

Developer Skills

REST, SOAP, Git (Gitlab, Github, BitBucket)

Development methodologies

Linux (Ubuntu Server, Debian)

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.	<i>2016</i>
Master in Computer Science Scholarship , CONCYTEC, Universidad Católica San Pablo.	<i>2018</i>
Higher Fifth: In the class of Systems Engineering.	<i>2017</i>
ACM-ICPC Programming Contest Participant.	<i>2017</i>
IEEE VIS 2019 International Conference on Data Visualization (Vancouver, Canada).	<i>2019</i>
Summer School on Data Science at Fundação Getulio Vargas (Rio de Janeiro, Brazil).	<i>2020</i>
Programa de Verão on Data Science at Fundação Getulio Vargas (Rio de Janeiro, Brazil).	<i>2020</i>

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