



Édgar Díez Alonso

Software Engineer – Data Engineer

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 www.linkedin.com/in/edgardieزالonso
 <https://github.com/Edgardiez7/CV-Projects.git>

Career Objective

Motivated and teamwork-oriented Software Engineer with a strong passion working with Data. Specialized in Data Engineer with expertise in the following areas: data gathering, exploratory data analysis, data processing and data visualization.

Education

► **Bachelor's Degree in Software Engineering - Universidad de Valladolid** (2018-2022)

► **Bachelor's Degree in Medicine - Universidad Autónoma de Madrid** (2014-2018)

Studied for four years. Changed degree due to lack of vocation.

► **Science and Technology High School Certificate** (2012-2014)

With High Honors and "Extraordinary High School Award" (only awarded to 1 person in my city).

Professional Experience

► **Software Developer / Data Engineer. Grasp-SAS** (Aug 2022 - now)

- Developed Drivers for Satellites. Proficient in reading and extracting data from satellite archives, and transforming it into a usable format for the Grasp algorithm.

- Developed Data Processing Pipelines to use the Grasp algorithm with data from different sources and storing the outputs.

- Analyzed processing outputs for different satellites to extract value and insight.

► **Data Scientist Intern. Grasp-SAS** (Feb 2022 – Aug 2022)

Implemented a platform to obtain, process and store data from different aerosol retrieving instruments with tools such as MySQL, Python (pandas and matplotlib) and Jupyter Notebooks.

► **Developer and Bug Tester. AzerothCore** (Oct 2021 – Dec 2021)

Detected and implemented Software solutions to bugs for an Open Source non-profit MMO development platform.

► **Programming and Robotics tutor. PlayCodeAcademy** (July 2021 – August 2021)

Taught programming, 3D design, and drone programming to high school students.

► **Private tutoring** (Sept 2018- Sept 2021)

Taught Math, Physics and Chemistry to High School students.

Certifications and achievements

- Machine Learning Crash Course, Google (2022)
- Data Analysis, Cleaning and Visualization with Python, Kaggle (2021)
- Data Analysis with Python Certification, FreeCodeCamp 300h (2021)
- Scientific Computing with Python Certification, FreeCodeCamp 300h (2021)
- High Honors and Extraordinary High School Award studies in High School (2014)
- Winner of the Physics Olympics, university district of Valladolid (2014)
- First Aid and Lifeguarding course (2013)
- "Aldea Internacional Seattle" Scholarship, Fundación Española de la Lengua (2011)

Languages

- Spanish. Native language.
- English. B2 Official Language School.
- German. B1 Official Language School.
- French. Elementary Proficiency.

Skills

- Python, SQL Databases, PowerBI, Excel.
- Libraries: NumPy, Pandas, xarray, Matplotlib, TF.
- Development Tools: Git, Docker.
- Web Dev: Java, Angular, SpringBoot.
- Linux / Unix.