Alejandro Maza Villalpando

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PROFESSIONAL OBJECTIVE AND SKILLS

Proficient physics graduate, with a strong interest in technology, especially A.I. Looking for a job to expand my knowledge and skills.

EXPERIENCE

Novosound   Motherwell, U.K. July 2018 – August 2019

Probe Physicist

- Responsible of research in material science using Onscale, building ultrasonic sensors and performing ultrasonic microscopy.
- Retrieving, analyzing and processing sensors output data from oscilloscope raw data to graphs and visualizations, in order to gain insight for further research and to present to investors.
- Using the results of my research we modified the manufacturing process of ultrasonic sensors that lead to an increase in the signal received of more than 1000%.
- I developed a manufacturing process that increased the production of sensors up to 10 times per day per person.

Data Analysis

- Kaggle- Heart disease prediction(https://github.com/almazav/heart_diseas_scikit_learn)
- Kaggle- Bulldozer price prediction(https://github.com/almazav/bulldozer_price_regression)
- Kaggle- Dog breed identification (https://github.com/almazav/dog_vision)

SOFTWARE PROGRAMS AND LANGUAGES

- Python – Numpy, Pandas, Matplotlib, Flask, Scikit-Learn, Tensorflow, BeautifulSoup, Object Oriented Programming
- Web development – html5, CSS3, JavaScript, React.
- Data bases- PostrgeSQL, MongoDB
- Microsoft office – Excel, Word, Power Point, Access
- LaTex
- Proficient English and Spanish as first language

SOFT SKILLS

- Ability work with minimal supervision, with good organizational skills and a positive and flexible attitude
- Strong automation approach to problem solving
- Enthusiastic for learning new skills, as well as teaching existing ones

EDUCATION

University of the West of Scotland – BSc(Hons), First Class, Physics.	Paisley, U.K., 2015-2019
ZT M – Complete Machine Learning and Data Science	May, 2020
ZTM – Complete Web Development	August ,2020
IELTS Academic – Credential Id: 1510003188MAZA294A	London, U.K., June 2015

ADITIONAL

Court Medal – Awarded to the most distinguished Physics student, for academic session	2017-2018
Court Medal – Awarded to the most distinguished Physics student, for academic session	2016-2017
Court Medal – Awarded to the most distinguished Physics student, for academic session	2015-2016
Class representative – Physics class UWS	2015-2019