


Sara Garcia

Data Science Researcher

Guatemala 

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MSc in data science with 6+ years of experience in software development focused on meta-learning in image data. Aspiring to a career in machine learning and deep learning. I am passionate about problem solving and learning.

Education

NOVEMBER 2019

MSc Data Science and Computational Intelligence | Distinction

Coventry University, UK

Final Project: Meta-learning for skin cancer detection using deep learning techniques

MAY 2018

BSc in Computer Science

Mariano Galvez University, Guatemala

Final Project: Implementation of a sentiment classification model for microblog texts in Spanish

Publications

Latinx in AI Research Workshop at Neurips 2019 | Vancouver, CA

Poster session and presentation: "Meta-learning for skin cancer detection using deep learning techniques"

Awards and Specializations

- Chevening Scholarship
- Big Data Analytics | ITEC India, 2015
- SCRUM Master | Certification ID: 76961799437180

Computer skills

Operating systems

Linux, Windows

Relevant tools

Git, AWS, Pandas, NumPy,

Programming languages

Python, SQL, JavaScript

Scikit-learn, Tensorflow,

Seaborn, Docker, Tableau

Relevant Experience

FEB 2020 – TO DATE

Data Scientist | Healthcare.com

- Employ machine learning and statistical modeling to generate value to users.
- Perform automated market analyses to dynamically react to changing market conditions.

- Discover new predictive insights and design systems that regularly compute new predictive models.
- Read and conduct research to develop mathematical solutions to the most pressing problems.

FEB 2020 – TO DATE

Computer Science Lecturer | Mariano Galvez University

- Design course material, assignments, course activities and projects.
- Prepare and deliver lectures regularly for undergraduate students.
- Plan course curriculum.
- Guide class discussions and debate amongst students.
- Conduct further research into their specific topics.

NOV 2017 – SEPT 2018

Data Analyst | Freelance

- Delivered several data analysis projects for small and medium-sized enterprises.
- Created web scrappers and secured REST APIs for data consumption.

AUG 2017 – DEC 2017

Machine Learning Intern | Design Engine, Guatemala

- Created an NLP model for a graphic design company to automate the classification of customer requests, reducing the time for the assignments.
- Evaluated new technologies and the implications in the design of new solutions for the clients.

JAN 2017 – AUG 2017

Social Media Data Analyst | Allied Global BPO, Guatemala

- Provided social media insights for clients about the engagement of the brand with their clients and the competition.
- Led the development of a real-time dashboard to visualize different performance metrics and recommendations.
- Created web scrappers for different websites to collect information of the clients to create a recommendation system to schedule calls.

Talks

- 2019 Addressing Class Imbalance in Machine Learning | PyCon Thailand
- 2018 Build APIs in no time using Flask | PyCon Malaga, Spain
- 2018 Free GPU in Google Colaboratory | Google I/O Extended Guatemala
- 2016 Big Data 101: Analytics on the Cloud | Coesys Guatemala

Languages

- English
- Spanish (native)