Alexander Leonardo Lique Lamas

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Summary

I am a Student of Computer Science focused on Artificial Intelligence. My primary research interests, in AI, is predictive models using classic algorithms of Machine Learning and Deep Learning algorithms to Natural Language Processing and Computer Vision.

Education

State University   Mar. 2019 – Currently
Undergraduate(3rd Year), Computer Science, National University of Engineering   *Lima, Peru*

Projects

Sentiment Analysis on Amazon Reviews | *Python, JupyterNotebook, Streamlit*   **Dec. 2021**
- We researched the Sentiment Analysis task on Amazon reviews in the Spanish dataset.
- Applying Fine tuning Methods to variants BERT like Spanish BERT and Multilingual BERT
- our research is available "click here"

AI Topics | *Python, JupyterNotebook*   **Febr. 2021**
- Participate in a GitHub repository that focused on teaching AI topics.
- Teach topics relations to Python for Machine Learning and Deep Learning, and also an introduction to Flask framework.

R-tiz | *Python, Flask, React, OpenCV*   **Ag. 2021**
- I participated in the development of web applications, deployed locally, focused on providing AI and OpenCV filters for digital art lovers.
- We apply different Software Engineering topics like agile methodologies, business modelling, use cases, etc.
- Implement AI filters such as Image Coloring and Style Transfer.

Social Net | *Java, NetBeans, PostgreSQL*   **Oct. 2020**
- Proposed and discussion of approaches for a messaging application in local.
- Discussed how to implement different encryption algorithms like SHA256, RSA and Diffie Hellman to protect messages and passwords.
- Implemented object-oriented programming practices to connect Java with PostgreSQL.

NihonBW | *Python, Streamlit*   **Sep. 2020**
- Researched different approaches in deep learning for apply in the image coloration problem.
- Trained two architectures that are Pix2Pix and InstColorization in google colaboratory with image on the internet.
- Deployed this two models with Streamlit

Technical Skills

- **Languages**: Python, Java, C++, HTML/CSS, JavaScript (Intermediate) and R,SQL (Basic).
- **Integrated development environment**: VS Code, Eclipse, Google Colab, Jupyter Notebook, NetBeans, Dev-C++, Atom.
- **DataBase Managament System**: PostgresSQL, Mongodb
- **Frontend technologies**: React.
- **Backend technologies**: Node js, Streamlit, Flask
- **Machine Learning technologies**: Pytorch, Tensorflow, Matplotlib, Seaborn, Scikit Learn, Pandas
- **Operative System**: Linux, Windows. ,
- **Container Technologies**: Docker.
- **API Testing**: Postman.

Personal Skills

- Positive attitude.
- Flexibility
- Willingness to learn
- Desire to progress
- Curiosity
- Ability to work individually as well as in a team.

Languages

- **Spanish**: Native.
- **English**: Low Intermediate.

Certificates

Emerging Technologies Workshop: Model Driven Programmability by Cisco	**Dec. 2021**
Emerging Technologies Workshop - Experimenting with REST APIs using Webex Teams by Cisco	**Oct. 2021**
Modelos de Secuencia awarded by deeplearning.ai and Coursera	**Sep. 2021**
Convolutional Neural Networks awarded by deeplearning.ai and Coursera.	**May. 2021**
Structuring Machine Learning Projects awarded by deeplearning.ai and Coursera	**Apr. 2021**
Improving Deep Neural Networks awarded by deeplearning.ai and Coursera	**Apr. 2021**
Neural Networks and Deep Learning awarded by deeplearning.ai and Coursera.	**Mar. 2021**
Curso de Trabajo Remoto o Teletrabajo awarded by Platzi.	**Mar. 2020**

Extracurricular Activities

Member, Acecom   **Mar. 2021 – Currently**
Group of students from the Faculty of Sciences.   *National University of Engineering*