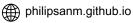
PhilipSanM

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@PhilipSanM



EDUCATION

Artificial Intelligence Engineering, B.S. | Superior School of Computer Science (ESCOM IPN)

Relevant courses include: Theory of Computation, Machine Learning, Bio-inspired Computing, Artificial Vision, Design and Analysis of Algorithms, and Advanced Mathematics for Engineering.

Aug 2021- December 2025

CGPA: 87 out of 100 (3.3/4)

Digital System, Technical Degree | Center of Scientific and Technological Studies #9 (IPN)

Relevant courses include: Programmable Microelectronics, Microcontrollers and Microprocessors Architecture, and Physics.

Aug 2018 - July 2021

CGPA: 90 out of 100 (3.7/4)

MAJOR PROJECTS

SAGUAC

- Reduced CO2 emissions at Grupo Modelo (a Mexican brewery) by implementing a new method to reuse water from the beer production process. Ensured its safety and security by deploying a ML model based on DBSCAN to detect anomalies in the
- · Collaboratively participated in CHELATHON 2023, a Hackathon hosted by Grupo Modelo, and got 2nd place among more than 100 presented projects.

Bubble_Nursery Web App ☑

- · A web application developed collaboratively within a team, utilizing the MEVN Stack (MongoDB, Express.js, Vue, and **Node.js**) to streamline the administration of a children's daycare center.
- Hosted on Azure, it embraces an Agile methodology (SCRUM) alongside a traditional approach (Unified Process UP).

bitacora-diarlA 🖸

· Developed an intelligent journal assistant by encoding a personalized word2vec using the CBOW algorithm and a Spanish corpus for word embedding. Implemented an RNN for generating responses and aiding the author in journaling throughout the day.

To check out more of my projects, please feel free to visit my own portfolio at philipsanm.github.io 🖸

LEADERSHIP AND AWARDS

- Alpha Microsoft Learn Student Ambassador 2022 2023
 - · Collaborated as a speaker in the Microsoft Learn Al Skills Challenge, delivering a workshop on "Using an Azure Machine Learning job for automation" impacting over 120 attendees across Latin America. 🖸
- IBM Z Student Ambassador Captain 2022 2023
 - · Led impactful technology activities focused on Z Systems to promote learning and innovation for over 60 students worldwide by incorporating practices in IBM Cloud for AI and Z Mainframe for Bash and Python scripting.
- IBM Speaker at IBM zDay September 2022
 - · Presented on the topic of churn rate in clients for banks by using a ML model based on random forest.
- ICPC 2022/2023 Grand Price of Mexico [₹]
 - · Ranked 256th out with honorable mention

TECHNOLOGIES

- Git
- SQL
- · Scikit-learn and TensorFlow (Currently learning)
- inux Vim
- Pandas and Numpy

COURSES AND APPRENTICESHIPS

- IBM Z Xplore student, platform by IBM, IBM Z Xplore Concepts and Advanced IBM Badges. ☐
- Open MAINFRAME project Education apprentice and collaborator.
- Japanese-Language Proficiency N5 Certification, Japanese 70%. ☑
- · English (fluent).
- · Google Cloud Computing Foundations Academy Certificate and Google Cloud Academy - Badges about GCP.

PROGRAMMING LANGUAGES

2 Years:
Python 3 mainly for Al and DC, and leetcode problems 1 Year:

Julia 1.9.0 mainly for Artificial Vision.

3 Months:

Java JDK 17 used in mainframe task and practices. R Used for data analysis.