



**Patrick Guillano La Rosa**

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Data Science/Machine Learning enthusiast

## PROFESSIONAL SUMMARY

A passionately curious individual who loves to learn the latest technologies and share knowledge to help develop an organization's technology. I have worked in a dynamic software development role with people from different countries, all of whom have diverse cultures. In my 4-year experience, I have learned to constantly adapt to changes, learn fast, and be a critical thinker to maintain high-quality outputs of software development or data science products.

## PROFESSIONAL EXPERIENCE

**Willis Towers Watson**

**Taguig, Philippines**

**Technical Support Senior Specialist – Systems Development**

**2019 - 2021**

- Led BAU projects by performing end-to-end software development cycles such as scope estimates, communicating with different stakeholders, developing and testing software development products, and managing the team to ensure continuous improvement of their pension system
- Executed Agile on Scrum for work process which was adapted to the whole company after 2 years
- Conducted training on Python for experienced or new hires to ensure quality of their outputs during work

**Canon Information Technologies, Philippines Inc.**

**Eastwood, Philippines**

**Software Engineer (Web Development)**

**2017 - 2019**

- Developed HR module using Symfony that was used internally in the company for automated OT process
- Developed Project Management module using Django that was used to track the progress of the projects
- Created customization workflows using Ruby on Rails for more convenient processing in Redmine

**Amdocs**

**Taguig, Philippines**

**Data Warehousing/Business Intelligence Developer**

**2017 - 2017**

- Investigated issues by debugging code, provide fixes and workarounds, and reviews changes for operability to maintain existing data warehouse solutions
- Designed a data warehouse pipeline according to the functional and technical design specifications of the client

## EDUCATION

**Asian Institute of Management**

**Makati, Philippines**

**Master of Science in Data Science**

**2021 - 2022**

Consistent Dean's Lister

AIM Merit Scholar

**De La Salle University - Manila**

**Manila, Philippines**

**Bachelor of Science in Electronics Engineering**

**2011 - 2015**

## OTHERS

**Languages:** English, Tagalog

**Tools / Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Tableau, BeautifulSoup, Scikit-learn, Shap, LIME, PySpark, TensorFlow, PyTorch, Python, OpenCV, YOLO, NLTK, GeoPandas, Shapely, Oracle SQL, DynamoDB, PostgreSQL, AWS S3, AWS EC2, AWS EMR, AWS RDS, AWS Redshift, Apache Airflow

**Achievements:** Electronics Engineering, Electronics Technician, ITPEC Fundamental IT Engineer

**Technical Skills:** Data Science, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Data Engineering, Cloud Computing, Software Development, Agile

**Interests:** Playing guitar, travelling, exploring sports