

# KIMBERLY GRACE SEVILLANO COLINA

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📍 Lorient, France



## EXPERIENCE

Selected Participant – Montreal Robotics Summer School 2025

### Mila – Quebec AI Institute

📅 Aug. 2025

📍 Montreal, Canada

- Hands-on training on robot perception, SLAM, and policy learning. Implemented LoCoBot pick place in Gazebo and quadruped locomotion with CrossFormer.

Master thesis Internship

### CNRS-AIST JRL (Joint Robotics Laboratory), IRL

📅 Feb. 2024 - Oct. 2024

📍 Tsukuba, Japan

- Developing and calibrating a hybrid fisheye-depth camera system for 3D mapping and SLAM. Using neural networks for depth prediction and AI techniques to enhance localization accuracy.

Data Intelligence Specialist

### Ferreyros S.A.

📅 Sep. 2021 - Sep. 2022

📍 Lima, Peru

- Processed and modeled mining equipment health data using AI for analytics and reporting

Research Leader - Computer Vision

### Lab Smart Machines CTIC-UNI (Information Technology and Communications Center)

📅 Jan. 2021 - Mar. 2022

📍 Lima, Peru

- Led the detection of crop pests and diseases for the Berry-bot project using AI.

Electronic researcher

### INAIGEM (National Institute for Research in Glaciers and Mountain Ecosystems)

📅 Jul. 2019 - Jan. 2021

📍 Huaraz, Peru

- Development of a real-time avalanche sound detection system using AI algorithms.

Research Internship

### INICTEL-UNI (National Institute of Research and Training in Telecommunications)

📅 May. 2018 - May. 2019

📍 Lima, Peru

- Developed a method for segmenting and measuring water palm areas in UAV images using deep learning.

## PUBLICATIONS

### 📄 Journal Articles

- Morales, G., Kemper, G., Sevillano, G., Arteaga, D., Ortega, I., & Telles, J. (2018). Automatic segmentation of mauritia flexuosa in unmanned aerial vehicle (uav) imagery using deep learning. *Forests*, 9(12). doi:10.3390/f9120736

## LANGUAGES

Spanish  
English  
French



## EDUCATION

M.Sc. in Signal and Image Processing with specialization in Computer Vision and Robotics (VIBOT)

### University of Burgundy

📅 Sep. 2022 – Sep. 2024

📍 France

B.Sc. in Electronic Engineering

### Universidad Nacional de Ingeniería (UNI)

📅 Mar. 2013 – Jul. 2018

📍 Peru

## ADDITIONAL EDUCATION

MITx MicroMasters in Statistics and Data Science

### Funded by Aporta as part of the Advanced Program in Data Science & Global Skills

📅 May. 2021

📍 Online (USA)

- The program provided MIT's rigorous, high-quality curricula. It lasts 18 months, with courses about data science, statistics and ML.

## HONORS & AWARDS



### UBFC International Masters Merit Scholarship Sep. 2023

Awarded a merit scholarship for ranking in the top three of the first year in the VIBOT Master program.



### Scholarship for the "Alberto Benavides de la Quintana - French Embassy 2022" [top 4%] Feb. 2022

Winner of the 'Alberto Benavides de la Quintana - French Embassy 2022' master's scholarship.



### QING Innovation Track - Competition for Climate Adaptation in Food Systems [top 5%] Oct. 2021

As part of Team Berry-bot we won funding and obtained the top 5 of the Qing Innovation track (Netherlands).



### Scholarship for the "Advanced Program in Data Science & Global Skills" [top 8%] May. 2021

Winner of a scholarship for the "Advanced Program in Data Science & Global Skills", hosted by MIT and Aporta.



### French Alliance Fellowship Aug. 2020

Winner of one of the 100 national scholarships offered by the French Embassy to study the French language.

## VOLUNTEER WORK



### Data Science Women 04/20 - 12/20

Led the programming team focused on empowering women in data science, AI, and technology sectors.



### Vice Chair IEEE Circuits and Systems 05/17 - 05/18

Supported UNI undergraduates in the development and research of circuits and systems projects.



### Vice Chair IEEE Women in Engineering 07/16 - 03/17

Co-founded IEEE WIE UNI, advancing women-led interdisciplinary projects.

## TECHNICAL SKILLS

