

Contact

jahirargote@gmail.com

www.linkedin.com/in/
jahir-alexander-argote-
gerald-185888121 (LinkedIn)

Top Skills

Python (Programming Language)
Industrial Robotics
University Lecturing

Languages

Spanish (Native or Bilingual)
English (Full Professional)

Certifications

Project Managment
Diploma TubMOOC
Python Course
Modern Robotics, Course 1:
Foundations of Robot Motion
Machine Learning

Jahir Alexander Argote-Gerald

PhD student in Swarm Robotics at The University of Sheffield
Sheffield, England, United Kingdom

Experience

The University of Sheffield
Graduate Teaching Assistant
January 2022 - Present (2 years 10 months)
Sheffield, England, United Kingdom

I have been a teaching assistant for the following modules:

ACS6121 Mobile Robotics & Autonomous Systems
COM2009/COM3009 Robotics
ACS6501 Foundations of Robotics
ACS6124 Multisensor and Decision Systems
ACS337 Robotic Systems
ACS341 Machine Learning

Project Hex
2 years 4 months

Advisor of Avionics and Control
October 2023 - December 2023 (3 months)
Sheffield, England, United Kingdom

Director of Avionics and Control
September 2021 - October 2023 (2 years 2 months)
Sheffield, England, United Kingdom

Project Hex is a student-led engineering team at the University of Sheffield, who build, design and fly autonomous Unmanned Aerial Vehicles and Systems (UAVs and UASs) to compete in international competitions.

Universidad Tecnológica de Panamá
Research Assistant
April 2020 - October 2020 (7 months)
Panamá, Panamá

Research and development of high-flow humidifier and medical ventilator for the Covid-19 crisis.

The high-flow humidifier won the Rúben Darío award in the Technological Innovation category in the face of the Covid-19 crisis.

LatAm Drones, Inc.
Electrical Engineer
December 2019 - October 2020 (11 months)
Panamá

Leafsinc
3 years

Co-Founder, Administrative Director
February 2019 - December 2019 (11 months)
Panama

Design and optimization of the quote generator system, reducing response times from 2 days to 15 minutes for companies that require environmental solutions.

Co-Founder, Project Manager
January 2017 - February 2019 (2 years 2 months)
Panama

Identify and monitor the critical path of the project to improve the performance and effective work of human resources in recycling activities.
Design and programming of a data acquisition system, automating the process of issuing and creating reports for clients with eco-friendly programs.

Abernathy S.A.
Energy Consultant
May 2019 - May 2019 (1 month)
Panama

Prepared report and roadmap to reduce the energy consumption of commercial premises by more than 40%.

Education

The University of Sheffield
Doctor of Philosophy - PhD, Automatic Control and Systems Engineering · (December 2021 - December 2025)

The University of Sheffield
Master of Science - MS, Robotics · (2020 - 2021)

Universidad Tecnológica de Panamá
Bachelor of Science - BS, Electromechanical Engineering · (2014 - 2019)

