ANDRES RIVAS

andresrivascoira@gmail.com ⋄ LinkedIn ⋄ Website

Professional Experience

Genba

Robotics Software Engineer

07/2020 - present

- Technical leadership applying agile methodologies
- Active research and test of state-of-the-art technology on CV and robotics
- Software development for robotics and computer vision applications
- Took on key roles for successful delivery of several industrial projects
- Programming languages Python, C++ and Javascript/Typescript
- Most used libraries and frameworks: OpenCV, ROS, PyTorch
- 3D robot cell simulation and off-line programming

Seedorina

Robotics Engineer

12/2018 - 12/2021

- I thrived at a fast paced startup
- Took on exciting challenges on product design and prototyping
- I got a taste of hardware design and manufacturing
- Engaged on sales and marketing events
- Electronic PCB design, test and assembly
- Electromechanical design and assembly

Atos

IoT Engineer

12/2018 - 12/2020

- Designed the technical offer for public tender on remote water consumption metering
- Research of world wide suppliers of IoT devices
- Deployed an IoT platform for development and integration with real world sensors
- Learn and took my first steps on full stack Web development and IoT protocols
- Managed Linux systems, docker and docker-compose and Git version control
- Developed and ability to learn new technologies from zero to prototype autonomously
- Share my results and learned lessons with the team and company managers

Axxiome

IT Support Technician

06/2013 - 06/2018

- Technical assistance to company offices and employees across the Americas
- IT infrastructure maintenance
- Server management (Linux and Windows)
- Active directory administrator
- Access control

Education

UTEC

Rivera, Uruguay

PgDip, Robotics and AI

03/2022 - 10/2024

ORT University

Montevideo, Uruguay

Bsc, Electronics Engineer

03/2011 - 07/2018

CERTIFICATIONS

DeepLearning.AI
Advanced Computer Vision with TensorFlow

Nvidia DLI
Fundamentals of Accelerated Computing with CUDA/C++   12/2023

EdvanceBS
Scrum Manager and Team Kanban Practitioner   07/2023

Nvidia DLI
Fundamentals of Deep Learning   12/2022

UdelaR
Fundamentals of Autonomous Robots   8/2022

Google Cloud
Architecture with Google Compute Engine   07/2019

Stanford Online
Machine Learning   08/2018

LANGUAGES

Spanish   Native

English   Advanced
CAE Certification

REFERENCES

Antoine Schaeffer   Genba
(34) 660 43 15 00   Product Manager

Ricardo Grando   UTEC
ricardo.bedin@utec.edu.uy   Academic Tutor

Sebastián Ibarra   Atos
(598) 99 172 498   Project Manager

Cecilia Derquin   Axxiome
(598) 99 271 630   HR Manager

Sebastian Franco   Seedorina
seba@seedorina.com   Founder/CTO