GONZALO ROMERO ROMÁN

Mechatronics Engineer

@ gonzaromero2007@gmail.com   ☎ +542612062426   ⚲ Besares 566, Chacras de Coria, Mendoza, Argentina
github.com/GonzaloRomeroR/   ⚑ Spain, Argentina   in www.linkedin.com/in/gonzalo-romero-roman

OBJECTIVE

Mechatronics engineer with programming and automation skills seeking an opportunity to work at the cutting edge of technology and leverage my experience to support the development of software applications, robot analysis and design of control systems.

EXPERIENCE

Senior Firmware QA Engineer
Marvell Technology Inc.

📅 July 2020 – Currently   ⚲ Córdoba, Argentina

- Worked on a regression platform to check the correct firmware functionality of semiconductors used in high speed communications.
- Test development and maintenance of specific devices regressions, continuous integration and data analysis. Using python as main programming language.

Teaching Assitant
National University of Cuyo

📅 February 2019 – August 2019   ⚲ Mendoza, Argentina

- Worked with algorithms in order to teach students concepts of artificial intelligence.
- Developed an image classifier to show students how to use machine learning algorithms using Python.

Intern
Lagash Systems

📅 January 2019 – May 2019   ⚲ Mendoza, Argentina

- Website development for interns selection. Front-end and Back-end using C#, React and SQL Server.

Web Developer
National University of Cuyo

📅 January 2017 – February 2018   ⚲ Mendoza, Argentina

- Developed a web page for energy monitoring in public buildings. Front-end and Back-end using HTML, Javascript, CSS and PHP.
- Worked with temperature and current sensors in order to send environment information to a server and then display it.
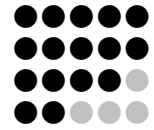
SKILLS

Robotics   3D Modelling   Programming
Machine Learning   Automation

Python   C/C++   Matlab/Simulink   Linux   SQL
Latex   Pytorch   Pandas   Git   Jenkins   Unity3D

LANGUAGES

Language	Level
Spanish	●●●●●
English	●●●●●
French	●●●●○
Italian	●●○○○

EDUCATION

National University of Buenos Aires
Specialization in Artificial Intelligence

📅 June 2021 – Currently

- Machine learning, data analysis, statistics, computer vision.
- Working on a platform to create synthetic image datasets using GANs.

National University of Cuyo
Mechatronics Engineering

📅 March 2014 – December 2020

- Automation, programming, robotics, artificial intelligence, mechanical design. Five and a half year program.
- Final degree project: "Teleoperación de robot hexápodo" (Teleoperation of hexapod robot): Kinematic and dynamic modelling, simulation, design, manufacturing and teleoperation of hexapod robot, 2020.

Savoie Mont Blanc University
Computer and Automation Engineering

📅 September 2019 – February 2020

- Exchange done in Annecy, France, during one semester.

HONORS & AWARDS

- Distinction for having one of the top academic performances of the Faculty of Engineering of the National University of Cuyo (Primer escolta provincial), 2018.

ADDITIONAL ACTIVITIES

TOEIC english exam

- Test TOEIC Listening and Reading: 985/990 (C1), 2019.

Publication

- Romero Román, G., González, R. "Modelado y Control Cinemático de Hexápodo de 18 grados de libertad"(Modeling and kinematic control of hexapod with 18 degrees of freedom). RPIC, 2019.

Workshop lead

- Planning, preparation and management of workshop in order to teach students to install and use GNU/Linux systems, 2018.