ADRIANO HENRIQUE ROSSETTE LEITE

Project Engineer

📞 +55 (35) 99115-3831   ✉ Rua Doutor Sérgio Almeida Prado, 187, Cidade Universitária, 13083-750
📍 Campinas, SP   @ contact@adrianohrl.tech   🔗 adrianohrl.tech   in linkedin.com/in/adrianohrl
⌂ github.com/adrianohrl   ⊚ lattes.cnpq.br/0344999175185128

EXPERIENCE

Robotics Researcher
UNIFEI - Federal University of Itajubá

📅 March 2010 – April 2018   📍 Itajubá, MG, Brazil

- Subject Monitor: Solids Engineering and Robotics Laboratory;
- Scientific Research Initiation in Robotics: Computer Vision and Navigation;
- Science without Borders (CsF) scholar at TTU;
- Expertinos Autonomous Robotics Team member and leader;
- Mobile Autonomous Robotics Challenges and Competitions participant (LARC, CBR, HRATC and RoboCup);
- Awarded the Control and Automation Engineering Student of the year;
- Teaching Internship

Software Application Developer
Cecília Prado Tricot

📅 April 2017 – November 2017   📍 Jacutinga, MG, Brazil

- Remote work;
- Code versioning using the git tool;
- Java EE 7;
- Local database interactions using the Hibernate framework;
- JSF Graphical components using the Primefaces framework;
- Software engineering applied to design and development of an application for monitoring employees production efficiency.

Control and Automation Engineer
HVEX - High Voltage Equipments

📅 October 2015 – June 2016   📍 Itajubá, MG, Brazil

- Specification and installation of the workshop electric and pneumatic systems;
- Specification and installation of the company camera monitoring system;
- Design, components purchase and construction of a electric power regulator panel.

Human Resources Intern
Delphi Automotive Systems

📅 January 2008 – Agost 2008   📍 Jacutinga, MG, Brazil

- Candidate appointment scheduling for the recruitment team;
- Registration of employee in agreements;
- Document delivery and employee signature collection on the production line.

SKILLS

`Design` `Petri Nets` `State Machine` `Graphs` `Automata Supervisory Control` `Design Patterns`

`Programming` `UNIX/Linux` `Ladder` `Matlab/Octave` `Simulink` `LabVIEW` `SCADA` `C++` `Java` `Python` `C#` `SQL` `PROLOG` `LaTeX` `ROS` `UML` `Assembly` `Arduino` `Raspberry Pi`
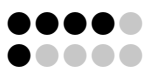
`AI` `Planning` `Scheduling` `Optimization Methods`

`Computer & Industrial Networks` `CAN` `PROFIBUS` `Protobuf`

`Control Analysis & Design` `Compensation` `PID` `Lead-Lag` `Pole Placement` `State Observer` `Discrete` `Continuous` `Filtering` `Adaptive` `Predictive` `Robust`

IDIOMS

English   ●●●●○
Italian   ●○○○○

FORMATION

M.Sc. in Electrical Engineering
Federal University of Itajubá (UNIFEI)

📅 March 2016 – April 2018

B.Sc. in Control and Automation Engineering
Federal University of Itajubá (UNIFEI)

📅 March 2010 – December 2015

B.Sc. in Computer Engineering (extension)
Tennessee Technological University (TTU)

📅 Agost 2013 – May 2014