

Leonardo Calasans

UNDERGRADUATE ENGINEER USP · POLYTECHNIC SCHOOL

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Education

Polytechnic School of the University of Sao Paulo

BACHELOR OF ELECTRIC ENGINEERING - EMPHASIS IN COMPUTER SCIENCE

- Graduation in : Dec/2021

Sao Paulo - Brazil

Jan 2016 - PRESENT

Etapas Course

ENTRANCE EXAMS COURSE

Sao Paulo - Brazil

Jan 2015 - Sep 2015

Albert Sabin School

HIGH SCHOOL

Sao Paulo - Brazil

Jan 2012 - Dec 2014

Technical Skills

Programming Python, C/C++, JavaScript, Git, LaTeX, VBA/Microsoft Office

Web Development Python Flask/FlaskRESTful, React.js, AngularJS, HTML

Databases SQL, NoSQL, MongoDB, PostgreSQL

Artificial Intelligence Prolog, STRIPS

Robotics Robot Operating System (ROS) , GazeboSim

Idioms Fluency in: English, Portuguese

Professional Experience

D-Lab System Design Lab - University of Sao Paulo

RESEARCH INTERN - MODELING PLANNING SYSTEMS USING ARTIFICIAL INTELLIGENCE

Adviser : Prof. José Reinaldo Silva

- Development of AI planning system using Prolog language, heuristics and formal problem description methods.
- Validation of generated plans in pre-existent AI planners.
- Simulation in robots using GazeboSim.
- Implementation of generated plans in robotic arm using ROS.

Sao Paulo-Brazil

Oct. 2016 - Jan. 2018

Extracurricular Activities

Polytechnic Academical Athletic Association

RUGBY DIRECTOR

- Deals with sponsors and other teams
- General accounting of the team
- Coordination of championships

Sao Paulo-Brazil

Jan 2018 - Jan 2019

Other Informations

2014 **Finalist**, Brazilian Mathematics Olympiad

2014 **Finalist**, Brazilian Physics Olympiad

2014 **Certificate of Advanced English**, Cambridge English Qualification

2013 **Finalist**, Brazilian Mathematics Olympiad

2013 **Finalist**, Brazilian Physics Olympiad

2012 **Finalist**, Brazilian Physics Olympiad

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