ERIK DE GODOY PERILLO

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EXPERIENCE

Agronow   2018 - Present
Machine Learning Engineer   *São Paulo, Brazil*

- Developed Machine Learning solutions for agriculture, implementing services such as identification of crops (soybean, sugarcane, corn) with Tensorflow on ESA Sentinel-2 satellite imagery.

Google   2017 - 2018
Software Engineering Intern   *Belo Horizonte, Brazil*

- Worked on the sports experience in search, successfully developing and launching features to production.
- Developed a UI change in the sports onebox using Java/Javascript/CSS/HTML and other technologies.

GAIIA tech (startup)   2017 - 2017
Chief Technology Officer   *São Paulo, Brazil*

- Built Deep Learning models that allowed identification of crops in brazilian farms using satellite imagery.
- Leader of the development team, providing insights to those involved in 2017 soybean season in Brazil.

Phoenix Robotics Team - Unicamp   2013 - 2016
Project Manager   *Campinas, Brazil*

- Leader of projects *Piranha/Baleia*, two autonomous mini-vehicles (5-7 people team). Third/First place in *Robocore*'s latin-american 2015/2016 robotics challenge, setting a new record.
- Built navigation, communication and computer vision systems during the conception of 3 autonomous robots using technologies such as PID control, C++, Python, CUDA OpenCV, NXP/Jetson TX1 platforms.

Institute of Computing - Unicamp   2016 - 2017
Undergraduate Researcher on Artificial Intelligence   *Campinas, Brazil*

- Created a visual saliency detection system using Deep Learning (Theano/Tensorflow). Our model has around 3/4 less parameters than similar methods yet achieves top-10 performance on MIT300 benchmark.
- Best Undergraduate Research Project Award on WTD2017 conference at Unicamp.

EDUCATION

Masters in Artificial Intelligence   2018 - Present
University of Campinas (Unicamp)   *Campinas, Brazil*

- Ranked first place in the admission process.

B.S. in Computer Science   2015 - 2018
University of Campinas (Unicamp)   *Campinas, Brazil*

- Teaching Assistant (2016/2017) in *Data Structures*. Helped design/administer programming assignments.
- Last GPA: 8.8/10 (first in class).

PROJECTS

- `golb`: Minimalistic blog platform built with Django.
- `ichat`: TCP command-line chat in C++ with file transfer and notifications.