JOAO TIAGO APARICIO

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EXPERIENCE

Undergraduate Research Assistant
Instituto de Telecomunicacoes (`https://it.pt/`)
📅 Nov. 2018 - Apr. 2019   📍 Lisbon, Portugal
- Worked on web scrapping and text extraction algorithms

Chair
ACM Student Chapter at ISCTE-IUL
📅 Dec. 2016 - Feb. 2019   📍 Lisbon, Portugal
- Organized events, managed teams and participated in coding competitions
- Gave 5 different talks in Robotics
- Participated in Google Hash Code 2 times

Chair of the Robotics and Automation Society
IEEE Student Branch ISCTE-IUL
📅 Oct. 2016 - Jul. 2019   📍 Lisbon, Portugal
- Built robots for 2 competitions and managed 2 teams

Mentor
CoderDojo-LX
📅 Apr. 2015 - Oct. 2017   📍 Lisbon, Portugal
- Teaching the fundamentals of programming and electronics for project-based learning.

PROJECTS

A retrieval-based Chatbot
📅 October 2019   📍 Lisbon Portugal
- Based on an original algorithm with similarity metrics.

Laboratory Crop Monitoring
📅 March 2019 – May 2019   📍 Lisbon Portugal
- Monitoring software for greenhouse with sensors, using distributed databases.

Bom Dia Academia
📅 October 2018 – December 2018   📍 Lisbon Portugal
- Content aggregation platform for the ISCTE-IUL community.

National and International Robotics Competitions
📅 Apr. 2012 - Apr. 2017   📍 Portugal; Mexico; Brazil;
- Participated in Robocup Junior Rescue and Robot@Factory, Robo Bombeiro (Firefighting Robot) and Robotop

HONORS & AWARDS

- 2016-2018: ISTA TOP Talent Award (Academic merit award)
- 2017: ISCTE-IUL Research Week Finalist
- 2016: 4th Place, National Robotics Competition: Robocup Rescue Maze (Portugal)
- 2014: 2nd Place, FCUL Rally Pro (Programming Competition)
- 2012-2014: 3rd Place, National Robotics Competition: Robocup Rescue (Portugal)
- 2012: Best Presentation Award: Worldwide Robotics Competition: Robocup Junior 2012

KEYWORDS

- Development: Scrum | UML | Python | JAVA | SQL | NoSQL | C | JavaScript | HTML & CSS | CAD | LaTeX | Assembly (MIPS, 8086) | Git | DHCP | STP | ICMP | ARP | DNS

- Publications: Gamification | Adoption Model | Programming Learning
  Articles available on Google Scholar

EDUCATION

MSc. in Computer Engineering
Instituto Superior Tecnico, University of Lisbon
📅 Ongoing   📍 Lisbon, Portugal

In machine learning and data science tracks

Deep Learning for AI and Computer Vision
Massachusetts Institute of Technology (MIT)
📅 Aug. 2019   📍 Cambridge, MA, USA

BSc. in Computer Engineering
School of Technology and Architecture at Instituto Universitario de Lisboa (ISCTE-IUL)
📅 Jul. 2019   📍 Lisbon, Portugal

Concluded with grade of 17 out of 20 and Class delegate

Designing Efficient Deep Learning Systems Program
Massachusetts Institute of Technology (MIT)
📅 Jul. 2018   📍 Cambridge, MA, USA

Introduction to Python with Artificial Intelligence Applications
Information Management School (NOVA IMS), Universidade Nova de Lisboa
📅 Jul. 2017   📍 Lisbon, Portugal

International School on modern Physics and Research "The Quantum Legacy"
National Laboratory of Frascati (LNF) of the Istituto Nazionale di Fisica Nucleare (INFN)
📅 Feb. 2016   📍 Frascati (Rome), Italy