

JOAO TIAGO APARICIO

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jtaca

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EXPERIENCE

Teaching Assistant

Instituto Superior Técnico (tecnico.ulisboa.pt)

Feb. 2020 - Present Lisbon, Portugal

- Taught the Data Administration in Information Systems practical classes

Undergraduate Research Assistant

Instituto de Telecomunicacoes (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

University Course Projects

Sep. 2016 - Present Lisbon Portugal

- Available at <https://github.com/jtaca>

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

SDN STP ICMP ARP DNS

- Publications: Gamification

Adoption Model

Programming Learning

Articles available on Google Scholar

EDUCATION

MSc. in Information Systems and 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