Tiago**Madeira**

Personal Info.

Tiago de Matos Ferreira Madeira

Av. 29 de Março
1204, 5 ESQ.
3885-518 Esmoriz

tiagomfmadeira@gmail.com

github.com/tiagomfmadeira

Author Identifiers

Ciência ID
D915-8608-D47C
ORCID ID
0000-0003-1335-0803

Languages

Portuguese (native)
English (fluent)

ABOUT ME

Completed the Integrated Master's Degree in Computer and Telematics Engineering in 2019/07 by University of Aveiro. Inclined towards the areas of Computer Vision, Human-Computer Interaction, Parallel Computing, Artificial Intelligence, IoT, and database design. Good communicator and a team player, taking often the role of spokesman in projects.

EDUCATION

University of Aveiro, Portugal
Integrated Master's degree in Computer and Telematics Engineering
September 2014 - July 2019   Final grade: 15/20

"Enhancement of RGB-D Image Alignment Using Fiducial Markers"
(DISSERTATION)   Grade: 18/20

FAVOURITE COURSES

• Computer Vision, grade: 18/20
• Human-Computer Interaction, grade: 17/20
• Concurrent Object-oriented Programming, grade: 17/20
• Machine Learning, grade: 18/20
• Data and Knowledge Engineering, grade: 18/20

PUBLICATIONS

1. Oliveira, Miguel; Castro, Afonso; Madeira, Tiago; Dias, Paulo; Santos, Vítor. 2019. "A General Approach to the Extrinsic Calibration of Intelligent Vehicles Using ROS". Paper presented in ROBOT'2019: Fourth Iberian Robotics Conference, Porto, Portugal. (Submitted)

2. Duarte, Diogo; Madeira, Tiago. 2019. "WebGL simulation tool for Micromouse contest". Paper presented in MicroMouse Symposium 2019, Gondomar, Portugal.

TECHNICAL SKILLS

Languages : Python, Java, Matlab, C, C++, C#, R, HTML, CSS, JS
Tools/Frameworks : OpenCV, ROS, Git, Bash, LaTeX, Django, Maven, Docker, Kafka
Databases : SQL Server, MySQL, PostgreSQL, MongoDB

OTHER ACTIVITIES

ROS WORKSHOP   Workshop at DEM, UA
Four day workshop about Robot Operating System.
February 21st, 22nd, 27th and 28th 2019

students@deti   Public speaking at DETI, UA
Spokesman for 3rd year project, co-authored by 6 students,
in a public project fair setting.
June 12th 2017

OTHER INTERESTS

Passionate about learning, fitness, music and digital artwork. Past federated Bodyboard athlete. Plays the piano and the electric guitar and has experience with public performances. Enjoys creative activities, such as writing, drawing, and working on personal programming projects with friends. Interested in music production and sound design.