

João Guedes

University of Minho
MIEGSI, 4th Year



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Portuguese



JoaoGuedes01

Profile

I am a 4th year student of MIEGSI at University of Minho. I've always been fascinated with code and the ability to create, thus I've started learning code a bit early in my life messing around with tools like Unity to make fun little games that gave me some insight into what coding is. This experience and familiarity throughout the years has helped me in my college/professional life. I'm a person who doesn't easily give up on a challenge, so I finish what I start giving always my best. Another great passion of mine is all things security, it has always fascinated me how people break things designed not to break being them software or hardware. So, likewise, I also dedicated a bit of time on researching hardware and software security with tools and challenges like HackTheBox or TryHackMe inspiring me to create my own challenge(<http://canyoufindme.herokuapp.com>). With MIEGSI I have a wider range than programming only.

Soft Skills

- Hard Worker
- Ethical Worker
- Interested
- Invested
- Team Worker
- Self sufficient
- Adaptability

Highlighted Projects

Press&Play

2019/2020

Press&Play is an application designed only for mobile (with PWA support) with the objective of sharing spaces to rent for one hour so you can play football with your friends and/or strangers. GitHub - <https://github.com/ruigomes99/press-and-play>

BracelHertz

2020

Application designed to help with the real problem with inmate suicides within our prisons. Therefore we created a small wristband-like device that measured it's wearer heartbeat and outputed alarms when anomalies were detected to the prison admin's dashboards. Along with that, the platform also allowed for complete control over the prison informational system and was role-based.

GitHub - <https://github.com/DAI-UMinho/projeto-prison-tech-bracelhertz>

SDChat

2020/2021

Simple application for Social Networking (Twitter-Like) using Java TCP Sockets for client to client communication and Java RMI for cliente to server communication.

GitHub - <https://github.com/JoaoGuedes01/SDFinal>

SPMobile

2021

Based on the real business SPModelismo, SPMobile is a PWA that integrates a large amount of webServices such as Salesforce, Paypal, Facebook, Twitter, among others to facilitate the enterprise workload and achieve the client-set goals.

GitHub - <https://github.com/JoaoGuedes01/ISI-Backend>

SmartFood&FoodExpress

2021

Knowledge-Based System application in Perl and Prolog that makes choices based on previous knowledge and data. We created a Rest API that communicated with the KBS(SBC) to recommend dishes and to calculate the best routes for delivery-people. The Rest API was built using Java Spring Boot + Prolog, and the user Interface was built with Node and express. GitHub - <https://github.com/JoaoGuedes01/sbcBackend>

ESRB Predictor (Machine Learning)

2021/2022

Using the CRISP-DM methodology we created and trained an algorithm that predicts any game's ESRB rating based on its context flags (like blood and gore or alcohol). The project was made in python and is available in my github page.

Github - https://github.com/JoaoGuedes01/ESRB_Rating_Predictor_CRISPDm

Experience

2021

Intern for Software and Quality Assurance Engineering

Checkmarx

Education

2020

Curso Programação WEB (MEAN)

Udemy

2020

Curso de desenvolvimento Back-End (Node+Express.js)

Udemy

2020

Curso de desenvolvimento Web Front-End (Angular)

Udemy

2020

Curso de Ethical Hacking WEB e de Redes (Motivos de Segurança)

Udemy

2018-At.

Mestrado Integrado em Engenharia de Gestão e Sistemas de Informação

Universidade do Minho

Technical Skills

