

DIOGO SOBRAL

New Graduate Software Engineer

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Braga, Portugal
dakrs



EDUCATION

Integrated Master's in Informatics Engineering University of Minho

Sep, 2016 – Mar, 2022 Braga, Portugal

- Areas of Expertise: **Distributed Systems** and **Parallel and Distributed Computing**
- Thesis title: **Consensus in High Performance Computing**
- Grade: **17/20, A (ECTS)**

EXPERIENCE

Summer Intern

Any Brain

Jul, 2019 – Sep, 2019 Braga, Portugal

Any Brain develops machine learning software to detect video game fraud. My job was split into two tasks. The first one required an analysis of multiple machine learning algorithms implementation such as **LighGBM**, **H2O**, and **Sci-Kit** in a dataset provided by them. The second was the development of a local cache using **Redis** to reduce the charge placed in both the system and the network.

SIDE EXPERIENCE

Just a Change's "Camp In", "Keep Up" and "All In" Initiatives

Just a Change

Ago, 2020 – Present Portugal

- Just a Change is a nonprofit organization that re-builds lives through house renovations fighting house poverty in Portugal.
- **Coordinated** multiple teams during house interventions over periods of 1-2 weeks.
- Integrated the **direction** team of Óbidos 22 camp.

Integrated UDREAM's Program

U.DREAM

Oct, 2019 – Jul, 2021 Braga, Portugal

Head of External Relations Division SEI'19

Oct, 2018 – Feb, 2019 Braga, Portugal

PROJECTS

Front-end Platform for EMACI 22

European Master Athletics Championships Indoor

Jan, 2022 – Feb, 2022 Braga, Portugal

- EMACI result's platform built using NextJs and Tailwindcss.
- The event counted with the participation of **2348** athletes from **42** countries and had more than **500** competitions.

Nite

Informatics Engineering Project

Sep, 2020 – Feb, 2021 Braga, Portugal

- Nite is a drinking card for pubs and nightclubs that allows digital payments and remote control of each consumption card.
- **Managed** a team of 9 from different backgrounds
- **Lead** the part of the team responsible for the mobile app (**React Native** and **Redux**) for the consumer.

XPadel Technologies

Co-Founder

Mar, 2022 – Present

- Co-Founder of the software and the solution used to empower and enhance XPadel's Courts.
- More information [here](#).

MOST PROUD OF



Social Involvement in my Community

Served in multiple organizations that address distinct social problems.



Restructure of my local table tennis club

Helped restructure my local table tennis club which lead to an improvement in its management and training quality.

TECHNICAL SKILLS

English, Portuguese



C, C++, Java, Python



MySQL, MongoDB, OpenMP, MPI



React Native, Redux, React, NextJs

