DIOGO SOBRAL

New Graduate Software Engineer

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in dsobral54   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 rebuilds 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	●●●●●