

Eduardo Gomes

24 years old

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Lisbon, Portugal

github.com/GreenStage

WORK EXPERIENCE

AAL4Life

Aug. 2017 – Feb. 2019

<https://www.aal4life.com/>

Full Stack Developer

Lisbon, Portugal

- Development and maintenance of the company's online services.
- ReactJS developer.
- Developing an Android app tailored for the elderly.
- Web designer.

brAthena

Jan 2015 – Oct 2016

<https://github.com/brAthena/brAthena>

Core Developer

- Adding new features and updating current ones in an open-source online game server emulator.
- Help the community (forums) solving code issues.

PERSONAL PROJECTS

React Central State

Dec.2018 –

<https://github.com/GreenStage/react-central-state>

Global state management for React applications without Redux.

- A component is only updated when at least one of its subscribing properties is changed in centralized application state.

Crystalline (MSc Thesis) + Flowverine

Feb.2019 –

(public URL pending paper approval by DSN 2020)

Privacy-aware middleware for Android + Privacy-oriented programming for Android

- First aims at giving users more control on how their sensitive data is handled inside applications.
- Second is a Privacy by Design tool for developers, which allows them to visually check how sensitive data flows within their apps (implicit or explicit flows) and helps them comply with regulations on the matter.

EDUCATION

Instituto Superior Técnico

MSc - Major in Computer Science - Minor in Systems, Decision and Control

November, 2019

Lisbon, Portugal

Thesis on a privacy-oriented programming model for Android platforms.

SKILLS & INTERESTS

- **Skills:** Computer systems and networks; Front-end and Back-end development; Aspect Oriented Programming; Metaprogramming.
- **Interests:** Privacy by design; Solving challenges; Meeting new people; traveling; fishing; Dragon Ball; Indian Pale Ale, ...

Technical Knowhow

- Proficient in C, Java, Javascript.
- Experienced in NodeJS, ReactJS, Android.
- Understanding of Python, C++, Racket, GO, PHP, SQL – Well enough to create solid applications *relying on Google to help me remember syntax details throughout the development.
- Acquainted with RabbitMQ as a broker mechanism, some experience with micro-services, as well as Amazon AWS (lambda + dynamodb).