Ana Santos

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🌐 https://anaezes.github.io/

Work Experience

Dez. 2021 - present

🔖 **Fullstack developer**
Jscrambler - Porto, Portugal

Aug. 2020 - Nov, 2021

🔖 **Software Engineer**
CEiiA - Center of Engineering and Product Development - Matosinhos, Portugal

- Currently developing an electron application for command and control of an autonomous surface vehicle in Vuejs and Openlayers;

- Built multiple Microservices and Software Components such as Rest API's using NET Core;

- Experience with several tools and solutions such as Grafana, Prometheus, Keycloak and Tye.

- Solid experience with Git and Docker;

Mar. 2019 - Aug, 2020

🔖 **Undergraduate Research Fellow**
LSTS - Underwater Systems and Technology Laboratory - Porto, Portugal

- Dissertation: Visualization of marine data applied to the planning and supervision of autonomous vehicles (React and CesiumJS);

- Log indexer to store metadata of the logs collected during the missions. This implied developing a database as well as a HTTP server to answer to information requests from the browser or LSTS's Neptus software (C++, SQL, Python and Java);

- Modified GSM driver to request SIM card balance in the autonomous vehicles (C++);

- Parse Imagenex YellowFin sidescan .872 data (C++);

Jul. 2017 & Jul. 2018

🔖 **Monitor: 3D Modeling of objects in SketchUp**
University of Porto, Universidade junior - Porto, Portugal

Education

Sep. 2018 - Jul. 2020

🔖 **M.S. in Informatics and Computing Engineering**, (15/20)
Faculty of Engineering, University of Porto - FEUP
Thesis title: *Visualization of marine data applied to the planning and supervision of autonomous vehicles* (18/20)

Education (continued)

Sep. 2015 - Jul. 2018 | **B. S. in Informatics and Computing Engineering**
Faculty of Engineering, University of Porto - FEUP

Skills

Programming | Typescript, Vanilla Javascript, C++, Python
Web development | NodeJs, React, Redis, Electron, VueJs, OpenLayers, CesiumJS, …
Databases | Mongodb, Clickhouse
Software development | Linux, Scrum & Kanban
Tools | Git, Docker, Jira, Confluence, Gitlab, GitHub
Languages | Portuguese, English