FELIPE FERRARI

CONTACT

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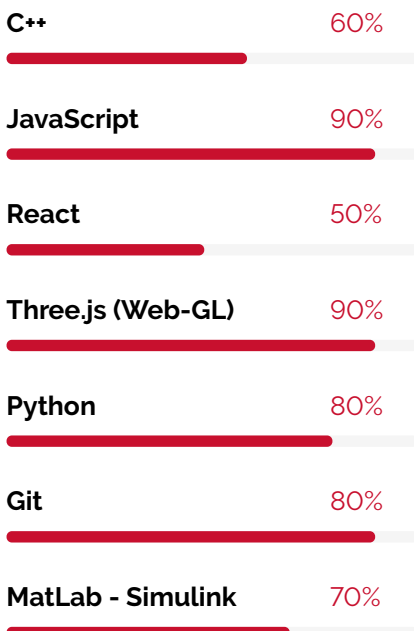
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http://shiptodata.com/

SKILLS

C++   60%

JavaScript   90%

React   50%

Three.js (Web-GL)   90%

Python   80%

Git   80%

MatLab - Simulink   70%

PROFILE

Experienced professional in developing web-based applications, currently involved in a project for implementing twin ship monitoring and visualization of Gunnerus ship.

Naval Architect for over two and half years. Operated on quality and safety areas of a shipyard, managed a team of 5 employees in the quality control department.

WORK EXPERIENCE

Norwegian University of Science and Technology (NTNU)   `2019 - NOW`
Researcher Assistant (http://vesseljs.org)

Collaborator of vessel.js library for marine operation purpose. Currently activity is creating the 3D models and standards to apply twin ship operation for Gunnerus vessel using vessel.js library (**Link**) . Implemented the 6DOF Hydrodynamic calculation and mooring analysis (**Link**) and a visualization application of Epoch for trapping carbon dioxide offshore. (**Link**)

Cheil Brasil   `2019`
Web developer

Maintenance and development of Samsung website in Latin America and Canada. Main activities consists of updating front-end web site using JavaScript and following the scheduled activists using JIRA agile platform.

Shipyard BECONAL   `2017 - 2018`
Naval architect

Responsible for the quality control operation and managing a team of five persons in the quality control department. Implemented the procedures for the best practices on the quality verification and safety in the shipyard.

Aveiro Ship Design   `2016 - 2017`
Naval architect

Technical responsible for inland small/middle size ship project; ship compliance to Brazilian naval rules and financial control of whole operation.

EDUCATION

Norwegian University of Science and Technology (NTNU) - Norway   2019 - NOW
Msc. Ship Design

Knowledge in naval area focused on ship design and in digitization such as machine learning for ship automation and virtual prototype design.

Fisheries and Marine Institute of Memorial University of Newfoundland - Canada   2014 - 2015
Exchange student in Naval Architecture

Exchange student funded by ELAP scholarship destined to emerging leaders from Latin America.

University of São Paulo   2010 - 2015
Bachelor in Naval and Ocean Engineering

Multidisciplinary course containing disciplines of the Mechanical Area and specific subjects of Naval and Oceanic Engineering, the course includes also contents on Logistcs, Administration and Economics

PORTFOLIO

My project portfolio contains several types of simulation and visualizations using mainly javaScript language, however, I am also familiar with other languages such as C++ and python. **Click on the images bellow for accessing the projects**