Tiago Lourenço

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EDUCATION

FULL STACK DEVELOPER,   Mar 2023 – Sep 2023

Academia_de_Código 🔗

Java, Spring MVC, Spring Framework, Programming, Object-Oriented Programming, Web Development, Web Applications, SOA, HTML, CSS, Javascript, Bootstrap, jQuery, Git, SQL, jUnit, Testing, Agile Methodologies, SCRUM, Maven, Tomcat, ES6, REST API, Java Database Connectivity, Model View-Controller (MVC), React.

Website https://www.academiadecodigo.org/ 🔗

ELECTRONICS ENGINEERING,   Sep 2008 – Oct 2013

Escola Superior de Tecnologia, IPCB 🔗   Castelo Branco, Portugal

Telecommunications Systems Operations; Computer Administration and Management; Mobile Comms Systems Planning; Radio and Optical Propagation Systems Project; Electronic Systems Project; Hardware Development; Computer Systems Maintenance; Digital Sound and Image Processing; Technology Integration; Programming languages; Systems Analyst; System programmer.

Website https://www.ipcb.pt/ 🔗

PROJECTS

JavaBank, *Web App @ Academia_de_Código*

JavaBank Web App is an ongoing project started at week 13 of The StudIO bootcamp – a full-fledged enterprise application — a Bank management system — built using industry best practices and popular components from the Java Ecosystem.

Technologies: Java, HTML, CSS, Maven, Spring Framework, Spring MVC, SQL, IntelliJ & Git

MasterLumberjack, *Game Challenge @ Academia_de_Código*

Game Challenge MasterLumberjack was a team project done in week 9 of The StudIO bootcamp – a game whose main characters are a woodcutter and wolves, with the woodcutter trying to cut down all the trees in the forest and the wolves trying to catch the woodcutter.

Technologies: Java, IntelliJ & Git

Automatic dispenser for solids and liquids

Project work presented to the Escola Superior de Tecnologia (IPCB) with a view to fulfilling the necessary requirements for obtaining a bachelor's degree. It consists of the development of a system based on PIC microcontrollers (Programmable Interface Controller), programmed in C# language.

Tools: CCS PIC C Compiler; PICkit 2 Programmer; Proteus ISIS Professional; Altium Designer.

LANGUAGES

Portuguese ▬▬▬▬▬▬▬▬ English ▬▬▬▬▬▬▬▬

PROFESSIONAL EXPERIENCE

PROCESS ENGINEERING, Feb 2018 – present
MECALBI ENGINEERING SOLUTIONS, LDA Castelo Branco, Portugal

Design, Implement and Optimize the manufacturing process; Perform and control technical documentation related to manufacturing process; Support technical documentation preparation for customized products; Support SOP preparation for new products; Annual Maintenance Plan coordination for manufacturing equipment; Coordination and control an effective operation of all equipment; Projects Analysis and cost breakdown.

MANUFACTURING ENGINEERING, Feb 2014 – Feb 2018
DELPHI AUTOMOTIVE SYSTEMS Castelo Branco, Portugal

Manufacturing process design, implement and coordination; Technical documentation preparation to support manufacturing; Manufacturing process analysis, optimization and redefinition; Production layout design and management; Industrial management and operations management; Project assessment and management; Manufacturing systems design and organization.