Vanessa Pereira
Health Informatics Engineer

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☰ COMPETENCES

Programming	C, C++, Typescript, Javascript, Python, R
Frameworks	Angular 2+, Bootstrap
DataBase	Microsoft SQL Server, MySQL, MariaDB
Development	Eclipse, Visual Studio Code, SVN, GIT (GitHub, GitLab), Camunda, Postman
Middleware	Mirth Connect
Operative Systems	Windows, Linux Ubuntu/Fedora/Mint
Others	LabView, MatLab, GNU Octave

💼 PROFESSIONAL EXPERIENCE

Present
September 2017

Health Informatics Engineer | Functional Analyst , MARAND D.O.O, Ljubljana, Slovenia
> Functional analysis of ACHF project and Pathfinder;
> Service Integration Specification;
> Binding of medical terminology (ICD, SNOMED-CT, LOINC);
> Modelling of cases, protocols and processes management;
> Analysis of gaps in the company's product requirements;
> Requirements collection and data modelling in business process management (BPM) processes;
> Prior analysis of the competitive position of the product;
> REST API and Web Services usage and testing;
> OpenEHR archetypes, templates and forms to be used in the company projects;
> OpenEHR resources modelling;
> QA and platform testing.

`OpenEHR` `AQL` `GIT` `REST API` `Angular2+` `Typescript` `Think!EHR Platform` `Confluence` `Jira` `Camunda BPM`
`Keycloak` `Postman` `FHIR` `Management` `Requirements analysis`

September 2017
February 2016

Research Internship - Health Informatics Services, CINTESIS, Porto, Portugal
> Granted a Scientific Initiation Scholarship for project ODISSEIA - Oncology disease information system with IPOP (Instituto Português de Oncologia do Porto Francisco Gentil).

`Confluence` `Jira` `Management` `Requirements analysis`

August 2017
October 2016

Junior Functional Analyst, HEALTHYSYSTEMS, Porto, Portugal
> Survey of processes and definition of requirements for an implementation of Information Systems;
> Systematization of processes and requirements using BPM and UML tools such as bizAgi and Visual Paradigm;
> Contact with different stakeholders of hospital and medical information systems like functional users (medical doctors, nurses, etc), managers, IT professionals and developers;
> Development of a RESTFull Web-Service based on Spring-boot framework (Java) for anonymization of HL7 messages with Mirth Connect middleware.

`Java` `MariaDB` `Spring Boot` `Mirth Connect` `Eclipse` `Maven` `BiZagi` `Togaf` `HL7` `HL7 HAPI`

🌐 LANGUAGES

Portuguese	●●●●●
English	●●●●○
Spanish	●●●○○
Polish	●●○○○

✚ FORCES

> Autodidact
> Autonomous
> Resilient

🎓 Formation

2018	Master's degree, MSc in Medical Informatics - Faculdade de Medicina da Universidade do Porto (Portugal)
2016	Bachelor's degree, BSc in Medical Computing and Instrumentation Engineering - Instituto Superior de Engenharia do Porto (Portugal)
2015	Erasmus Studies Programme, Biomedical Engineering - Politechnika Łódzka (Poland)

💻 Projets

Governance of openEHR based local repository compliant with openEHR Clinical Knowledge Manager   2018

🔗 https ://mim-script-openehr.stackblitz.io/   🔗 Presentation CBIS 2018   🔗 Master Thesis

One of the biggest problems of manually checking archetypes versions on openEHR CKM is that it can be really time consuming and can take several hours to complete, depending on the number of archetypes hosted on a local repository. Herewith this script, is expected to give a quick and reliable archetype verification between the local repositories and the openEHR CKM, in order to make it compliant and updated with the main source to facilitate the managing work of the local clinical knowledge repository owner. The script offers three options : Getting the list of archetypes or list of templates from a local repository or making the comparison between the archetypes in the local repository and the Github openEHR CKM.

Typescript   Angular2+   JavaScript   Visual Studio Code   OpenEHR   REST API   Postman   GitLab   GitHub