

Gil Domingues

SOFTWARE ENGINEER

✉ gil.domingues2@hotmail.com | 🏠 gildomingues.dev | 📧 dominguesgm | 📺 gildomingues | 🐦 @dominguesgm

Education

T.U. Delft

ERASMUS+ EXCHANGE PROGRAMME

2017-2018

- Had a chance to take the following courses: *Data Visualization*, *Cloud Computing*, *Pattern Recognition*, *Software Analytics* and *Dynamic and Static Program Analysis for Software Security*

Faculty of Engineering of the University of Porto

INTEGRATED MASTERS IN INFORMATICS AND COMPUTING ENGINEERING

2013 - 2018

Graduated with 17/20

Experience

MOXY Studio

SOFTWARE ENGINEER

Nov 2018 - Present

- Worked on the open source distributed identity project *Nomios*, as one of two engineers focused on the front-end of the application.
- Worked on the landing page for the *Nomios* project.
- Lead the development of the landing page for *Platforme*, and was responsible for most of the interfacing with the client.
- Contributed to ProtoSchool with a new tutorial on an IPFS API, as well as with numerous bug fixes and improvements to the platform.

Projects & Academic Development

Software Repository for Live Software Development

(<https://github.com/dominguesgm/live-software-repository>)

MASTER THESIS

- A set of tools to gather data about the structure and execution of a Java program, as well as providing access to this data.
- Built using AspectJ, Eclipse's JDT core and a Ruby on Rails server

SurgeonMate Library

COURSE PROJECT

- Software for surgeons to log information about patients and their surgeries, as well as store media resulting from the operation
- Companion app to SurgeonMate: a privacy oriented device designed to record medical procedures for later review and use for educational purposes

Publications

Live Software Development Environment for Java using Virtual Reality

ENASE '19

CO-AUTHOR

- Article on the exploration of virtual reality visual metaphors and static and dynamic software analysis for a better understanding of the inner workings of a system.

Characterizing and comparing Portuguese and English Wikipedia medicine-related articles

WWW '19

AUTHOR

- Article on the comparison across a multitude of metrics of medicine related articles in the Portuguese and English Wikipedia.

Patterns for Things that Fail

PLOP '17

CO-AUTHOR

- Article on design patterns for *IoT* systems, consisting of patterns for device detection, device monitoring and error detection.

Roles & Organizations

Thesis Co-Supervisor, Faculty of Engineering of the University of Porto

2019

Vice-Chair, IEEE Young Professionals Portugal

2019

Secretary, IEEE UP Student Branch

2016-2017

Volunteer, XP 18 Conference

2018