Gil Domingues

SOFTWARE ENGINEER

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Education

T.U. Delft

ERASMUS+ EXCHANGE PROGRAMME   *2017-2018*

- Had an opportunity 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

Viz.AI

SOFTWARE ENGINEER   *Jan 2022 - Present*

- Lead the development of an administration platform that would move basic account management to the customer, reducing load on support teams. Built with React and Typescript.
- Developed multiple bug-fixes for the main clinical application.

Mindera

SOFTWARE ENGINEER   *Jan 2021 - Jan 2022*

- Working as a front-end engineer at Trainline. Developed and released components across multiple codebases, as well as working on new pages and maintenance.

MOXY Studio

SOFTWARE ENGINEER   *Nov 2018 - Nov 2020*

- 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 costumer.
- 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

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.