



PAULO MARTINS

FULL-STACK ENGINEER
SOFTWARE DEVELOPER / NLP
WEB ENGINEER / SYS ADMIN
COMPUTER GRAPHICS / POLYMATH

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<EXPERIENCE />

- 2017 - 2021 IT Senior R&D @University of Minho**
Full-Stack Engineer; Sys Admin; Software Developer; Web Engineer.
- 2010 - 2021 Researcher & Invited Professor @UM**
Researcher/Prof. on Web Engineer & Semantic Web; NLP; Videogames; Microservices architecture. Won 3 fellowships.
- 2015 - 2021 Projects & Collaborations**
Bosch project: Ride Care; Coord. Major Minors (1st prize FCCN); BragaTV; Netlang; Psychology School R&D videogame etc.
- 2005 - 2021 Freelancer Software / Web Dev**
Made 1st website at 14; sold 1st app at 19.

<EDUCATION />

- 2019 - 2021 Master degree on Computer Science**
University of Minho / Invited Assistant Professor
Thesis themes: Microservices / WASM / Rust
- 2010 - 2013 Master degree on Cinema and Media**
University of Minho / R&D Fellowship: BI
Thesis: developed a pedagogical videogame
- 2007 - 2010 Bachelor on Linguistics (+ Philosophy)**
University of Minho / R&D Fellowship: BII

<ACADEMIA/>

- Published Papers: 6** **Conference Papers: 8**
- R&D Projects: 7** **Conference Organizer: 2**
- Fellowships: 3** **Thesis: 2**
- Classes Taught: 3** **Developed applications: 30+**

<SKILLS & TOOLS />

Summary of implementations. Favourite tools in gray

Dev: Python | Rust | JavaScript | C
Kotlin | Java | PHP | Lua | etc.

Web: Flask | Django | NodeJS | Actix
HTML | WASM | HTML | CSS | JQuery
React | Vue | Web2py | AJAX | etc.

Misc: Linux | NGINX | Apache | Docker
Kubernetes | Microservices | Linkerd
RabbitMQ | Jupyter N | Istio | DAWs
Raspberry | Photoshop | Blender | etc.

DBs: Triplestores (RDF) | SQL | NoSQL
PostgreSQL | Redis | ArangoDB | MySQL
Neo4J | CockroachDB | GraphDB | etc.

Graphics: Godot | Unity | Tk | Kivy
Pygame | Pyglet | Bevy | QT | Gooney
OpenGL | React Native | Cocos2D | etc.

<AWARDS />

1st prize Arquivo.pt / FCCN 2021

Project: Major Minors (coord). National annual award for best application.
Site @ <http://minors.ilch.uminho.pt>

Best research paper

LinkedArchives conference (INESC TEC) selected best research paper for expanded publication.

<ACHIEVEMENTS />

2019: Erasmus+ @ Japan

Kanazawa University | Mobility grant

