Lisboa, Portugal

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💼 Work Experience

Software Developer
WE WEAR SRL
18 September 2024 - Present

- Build and maintain full-stack applications for 3D configurators, virtual try-on, and size recommendation systems in the fashion industry.
- Develop automation tools with Qt Creator to enhance CLO 3D software workflows.
- Upgrade and scale FastAPI services with AWS integration.
- Maintain and improve the company's core algorithms through testing, debugging, and documentation.
- Optimise existing codebases for performance, scalability, and user experience.

`Python (FastAPI, AWS)` `Next.js (Tailwind, Payload CMS)` `C++ (Qt Creator)` `MongoDB`

</> WEB APPLICATION
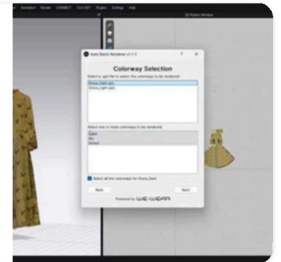
HRX 3D Configurator

View high-definition virtual models from any device. Create a coordinated and completely personalised looks.

</> PLUGIN
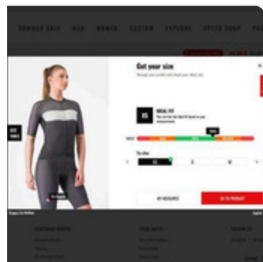
CLO3D Auto Batch Renderer

Streamline your rendering workflow. Batch import multiple projects and customize multiple settings.
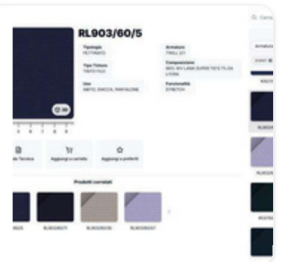

</> WIDGET

Size Suggestion Tool

Discover your fit in just a few clicks and get always the right size. Reduce returns and increase conversions.

</> WEB APPLICATION

3D Fabric Configurator

Explore textures and materials in real time. CUstomise colors, patterns, and details. Visualise results with realism.

🎓 Education

Master's degree in Computer Science and Engineering
Instituto Superior Técnico (2022 - 2024)

🏅 Academic Merit Board 2023/2024

`Java` `C++ (nRF24, MQTT)` `C (I2C)` `Python` `MySQL`

Bachelor of Science in Computer Engineering
ISCTE - Instituto Universitário de Lisboa (2019 - 2022)

🏅 ISTA Top Talent (2019 & 2021)

`Java` `C` `Python (Django)` `Scala` `MySQL` `MongoDB`