

Alexis Alves

Student at Instituto Superior de Engenharia do Porto

alexismarceloalvespereira@hotmail.com

Experience

EDS Designer at Yazaki Saltano

May 2014 - Present (2 years 11 months)

Yazaki Europe

Porto Technical Centre (PTC)

Jaguar Land Rover McLaren, UK OEM

Major Tasks:

Manufacturing Design

- Internal linestyle drawing creation/input;
- New Parts List (NPL) creation/update;
- Output package for manufacturing purposes;
- Manufacturing Plant support;

EDS-E

- KSK (modular);
- NON KSK (Batch);
- Client linestyle drawing creation/input;
- Crimping database maintenance;
- Crimping analysis;
- Component database maintenance;
- Component drawing/spec sheet analysis;
- Design System Interface (DSI.) study;
- Bill Of Materials (BOM) processing/analysis;
- Engineering Change Request (ECR) analysis/input;
- Change request costing outputs;
- Weight calculation/impact;
- Circuit list analysis/input;
- Harness option complexity matrix analysis/input;
- Fusebox Signoff analysis/input;

Lean Process

- Value Stream Mapping (VSM);
- Yazaki New System (NYS);

Quality

- ISO.10002;
- Claim Reporting System (CRS);
- DFM compliance analysis;

CAD software:

- Mentor Graphics Capital H;
- Mentor Graphics Capital HXC;
- Yazaki internal CAE;

2D/3D CAD & Animation Designer at Freelancing

June 2009 - May 2014 (5 years)

2D/3D CAD and Animation Freelancer

Major Tasks:

- Search for contract opportunities;
- Presenting/creating contract proposals;
- Understand Client's needs and expectations;
- Plan/negotiate project timeline and deliverables;
- Project budget negotiation;
- Analysis of project available information;
- Sketch creation of product deliverables;
- 2D CAD technical drawing;
- 3D CAD support view/animation;
- 3D imagery/animation for marketing/presentation purposes;
- 3D object design for 3D printing purposes;
- Final deliverable package creation;
- Revision analysis, input and output;

CAD software:

- Autodesk AutoCAD 2D/3D;
- FreeCAD 2D/3D;
- Blender 3D;

OpCC at Exército Português

August 2004 - January 2011 (6 years 6 months)

Portuguese Army

Practical Cavalry School (EPC)/ 5th Artillery Regiment (RA5)

Reconnaissance Squadron (ERec)/ 2nd Artillery Battery (2ª BBF)

Major Tasks:

EPC

- M60A3 TTS operation/ maintenance;
- Main Battle Tank (MBT) tactical training;
- Weaponry operation/ maintenance;
- Light reconnaissance tactical training;

RA5

- M114A3 operation/ maintenance;
- Howitzer tactical training;
- Weaponry operation/ maintenance;
- Artillery position defensive tactical training;
- Planimetric artillery target acquisition support;

Languages

English

(Full professional proficiency)

Portuguese

(Native or bilingual proficiency)

Skills & Expertise

AutoCAD

Microsoft Office

Windows

Blender

Linux

Ubuntu

Military Training

Military Experience

Reconnaissance

Harness Design

Automotive Engineering

Autodesk Software

GIMP

Political Philosophy

World History

Geography

Historical Geography

Sociology

Weapons Handling

CAD

Manufacturing

PowerPoint

Automotive
Electrical Engineering
Mentor Graphics
CAE
Engineering
Product Development
Continuous Improvement
Lean Manufacturing

Education

Instituto Superior de Engenharia do Porto
2013 - 2017

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1 person has recommended Alexis

"Knowing well Alexis by sharing the same open office space for more than two years, I'm qualified to give an honest recommendation. Alexis has a positive critic thinking, problem solver behavior, contributes during brainstorming sessions with good arguments and solutions, looks for work efficiency and final results as main goal. Alexis is a self taught person, he's intelligent and well informed and brought great value to Yazaki technical center, he's confident, with a good emotional intelligence and he's proactively helpful. Alexis looks for new challenges and will be a good asset to any Organization. Sincerely, Pedro Pereira EDS Technical Designer"

— **Pedro Pereira**, worked with Alexis at Yazaki Saltano

[Contact Alexis on LinkedIn](#)