CÉSAR SILVA

📞 00351 918973870 | ✉ eusouocesar@gmail.com | 🔗 linkedin.com/in/cesarsilva73

🐙 github.com/JollyGecko | 🌐 cesarspage.dev/

EXPERIENCE

ADAS Software Engineer
Jun 2021 - Present

Critical Techworks — Porto, Portugal

- Working on Autonomous Driving and ADAS software for BMW vehicles, using C++, at the application layer
- Development and integration of Longitudinal and Lateral features like Cruise Control (xCC) or Speed Limit Device (SLD), as well as map data assessment features
- Unit testing for Autonomous Driving components
- Developed a framework for KPIs of CV algorithms

ABAP Developer
Dec 2017 - May 2020

SCORE Consulting — Lisbon, Portugal

- Development and testing of software applications with multiple platform integration
- Optimization of implemented processes at ABAP level
- Creation of ALVs, WebServices, BDCs, Objects, Reports and User-Exits for FI and FSCD modules
- User Interface design, debugging and testing for quality assurance
- Change management and release activities

SAP Functional Analyst FS-CD
May 2017 - Dec 2017

SCORE Consulting — Lisbon, Portugal

- Optimization of implemented processes at functional level
- Definition of requirements for new solutions

EDUCATION

Master's Degree in Applied Mathematics
2014 - 2017

Mathematics & Physics Department, Instituto Superior Técnico — Lisbon, Portugal
Completed Curricular part, unfinished Master's thesis

Bachelor's Degree in Mathematics
2007 - 2014

Mathematics Department, University of Coimbra — Coimbra, Portugal
Completed first year towards a Master's in Computational Mathematics

SKILLS

Languages: Portuguese (Native), English (C)
Programming: C, C++, ABAP
Tools/Frameworks: Jira, Github, Wolfram Alpha, Flutter
Familiar: HTML & PHP, Python, Pascal, SOAP UI, MySQL, FreeFem++, Matlab, OpenGL, OpenMP & MPI, Pascal, MySQL, Dart

PERSONAL DEVELOPMENT

Neural Networks and Deep Learning, deeplearning.ai on Coursera	2020
SCRUM Hands-On Workshop, Bright Knowledge	2019
Learn SAP ABAP Objects, Udemy	2019
RPA Developer Foundation, UIPath Academy	2018
Delta ABAP Workbench SAP Netweaver 7.5, SAP Portugal	2018
Financial Markets, Yale University on Coursera	2017
FS310 SAP Insurance: Collection, SAP Portugal	2017
FS315 SAP Collections & Disbursements - Customizing, SAP Portugal	2017
Oscillations in Gravity-Driven Fluid Exchange, 28th ECMI	2015
Students Association of the Science and Technology Faculty of the University of Coimbra, FCTUC	2011 - 2013
Vice-President of the Mathematics Students Organization, NEMAT/AAC	2011
Plenarium Chairman of the Math. and Geo. Eng. Students Organization, NEMATEG/AAC	2008 - 2010