DUARTE CARMO

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EDUCATION

2016 – 2018   **Technical University of Denmark, Master in Engineering Management – Denmark** *(dtu.dk)*
- Specialization in Data with courses such as: Technology and Innovation Management, Mathematical Programming with Modelling Software, Computational Tools for Big Data, Social Graphs and Interactions, and Machine Learning.
- Thesis: "The uniqueness of technological capabilities: a data-driven network exploration", grade of 12/12. (Co-author of a paper in a scientific journal.)
- Final degree average grade of 10/12. (4.0 GPA)

2015 – 2016   **Beijing Institute of Technology, Semester Abroad – China** *(english.bit.edu.cn)*
- Electrical Engineering studies, including subjects about Digital Logic Circuits, CPU, and Computer Controlled Systems.

2011 – 2015   **Instituto Superior Técnico, Bachelor in Engineering Sciences – Portugal** *(tecnico.ulisboa.pt/en/)*
- Finished among the top 30% of the class.
- Grade of 19/20 in the final project of the Computer and Programming class. (Best of the class).

EXPERIENCE

2019   **Jabra – GN Audio, Digital Consultant – Denmark** *(jabra.com)*
The fastest growing company in the global professional headset market and generated 706 Million in 2018 and 21% growth.
- Currently working on the digital experimentation team, exploring new venture possibilities for Jabra, outside of its main core competencies. Responsible for Data Science Team.

2019   **Jabra – GN Audio, Junior Product Manager – Denmark** *(jabra.com)*
- Worked in the Product lifecycle management team and was responsible for all areas (engineering, sales, R&D, business development) of 2 products which sold a total of 16.000 and 300.000 units accordingly in 6 months.
- Assisted top management in strategic analyses for M&A activities. Responsible for quarterly board presentation.
- Used pandas and python to establish an automatic data analysis workflow that saved time and increased analysis accuracy.
- Assisted marketing and PR departments in partner events in Dubai, Monaco, and Berlin.

2017 – 2018   **Jabra – GN Audio, Student Analyst in Strategy and Business Development – Denmark** *(jabra.com)*
- Reported to the VP of Strategy and Consumer Business.
- Produced over 50 market analysis on topics such as Gaming Headsets, Call center software, and Smartwatches. These helped the board of directors to understand the implications and attractiveness of such markets.
- Created over 10 sets of educational materials in key trends such as Machine Learning and Speech to text.
- Developed 5 internal automation tools that helped the company with monitoring and automation of business related tasks. These tools are used by more than 30 people. By using them, each executive saved more than 4 hours a month.

2017   **Bliss Applications, Intern – Boston, USA (3 months)** *(blissapplications.com)*
One of the leaders in software development in Portugal it employs 230 people. It has offices in Portugal, USA, and Brazil.
- Built a program for the sales department that analyses leads and ranks them according to user preferences.
- Worked with 3 clients to transform their ideas into viable technology products. Industries: Health, Entertainment and Social Media. Developed 3 mobile application prototypes for them.
- Wrote 8 articles in 8 weeks for the company's Blog focusing on topics such as mobile apps, entrepreneurship, and product development.

2015 – 2016   **WYGroup, Resident Entrepreneur – Portugal** *(wygroup.net)*
WYGroup is one of the leading players for digital marketing and technology services in Portugal, and has been for the last 16 years.
- Worked closely with the group's CEO and daughter companies to create new value propositions using the group's resources.
- Co-Founder and creator of eGuru. A start-up that focuses on crowdsourced deliveries and that raised 150K in funding.
- Worked closely with designers and developers towards a final product. Managed a team of 10 engineers and designers.

SKILLS

Languages	Portuguese – Native; English – Fluent (Certificate of Proficiency in English); French – Fluent (French Baccalaureate); Spanish – Very Good User (B2); Chinese – Basic (Course at BIT Beijing).
Programming	Python (proficient), JavaScript (good), Html (very good), CSS (very good), C++ (good). OOP and TDD.
Data	Data Analysis, Data Scrapping, Network Analysis, Machine Learning, Deep Learning. (Pandas, Numpy, Scipy, Tensorflow, Scikit, JupyterLab). Open source contributor on projects such as JupyterLab and Papermill. Published author on data science.
Technologies	Git, Linux, Flask, Django, Node.js, MongoDB, SQL, PostgreSQL, Graph QL, Restful APIS, Async Methods, Docker, CI
Software	Microsoft Office, AutoCAD, Simul8, GIS, Photoshop, Illustrator, Lightroom, Premiere and Final Cut Pro.
Mobile	UI/UX prototyping, and wireframe design. Good knowledge of Adobe XD, Sketch, and Invision. User centered design.

HOBBIES

- Photographer and filmmaker. With over 800 photos published.
- Visited over 80 different countries in the world.
- Marathon Runner.