DUARTE O.CARMO

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EDUCATION

2016 – 2018   **Technical University of Denmark, Master in Engineering Management – Denmark**
- 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**
- Electrical Engineering studies, including subjects about Digital Logic Circuits, CPU, and Computer Controlled Systems.

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

EXPERIENCE

2020   **Jabra – GN Audio, Consultant – Denmark**
The fastest growing company in the global professional headset market. 900 Million USD revenue in 2019, with 26% growth.
- Currently reporting to VP of Strategy and Voice Analytics.

2019   **Jabra – GN Audio, Digital Consultant – Denmark (6 months)**
- Part of the digital experimentation team, exploring new venture possibilities for Jabra.
- Responsible for Implementation: successfully lead the implementation of a new AI-based product in the USA office (40+ users).
- Evaluated performance of AI models and developed live dashboards for management reporting. Responsible for research.
- POC resulted in the creation of a new business unit in Jabra fully dedicated to its development.
- Received a manager assessment of 5/5: "*Continually receives outstanding feedback from subordinates, peers and customers.*"

2019   **Jabra – GN Audio, Junior Product Manager – Denmark (6 months)**
- 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.

2017 – 2018   **Jabra – GN Audio, Student Analyst in Strategy and Business Development – Denmark**
- 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.
- 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)**
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.

2015 – 2016   **WYGroup, Resident Entrepreneur – Portugal**
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). Object Oriented Programming and TDD.
Data	Data Analysis, Data Scraping, Network Analysis, Machine Learning, Deep Learning. (Pandas, Numpy, Scipy, Scikit, TF).
Open Source	Open source contributor to JupyterLab and PaperMill. Publisher of think cell package.
Technologies	Git, Linux, Flask, Django, Node.js, MongoDB, SQL, PostgreSQL, Graph QL, Restful APIS, Async Methods, Docker, CI
Blogging	Regular blogger about programming and open source. Appearances in Python blogs and programming podcasts.

HOBBIES

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