

EDUCATION

- 2016 – 2018 **Danmarks Tekniske Universitet, Master in Engineering Management – Denmark** ([dtu.dk](https://www.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

- 2017 – 2018 **Jabra – GN Audio, Student Analyst in Strategy and Business Development – Denmark** (jabra.com)
- Jabra is the fastest growing company in the global professional headset market and generated 532 Million in 2017.*
- 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, which allowed executive management to understand these and make better informed decisions.
 - 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 and guided them through the development and design process. Industries: Health, Entertainment and Social Media. Developed 3 mobile application prototypes for them.
 - Performed analysis and benchmarks of competitors including product maps, user review analyses, and benchmarks.
 - 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 simplifying deliveries through crowdsourcing.
 - Worked closely with designers and developers towards a final product. Managed a team of 10 engineers and designers.
 - Developed prototypes of the mobile applications as well as the strategy for development, communication, and sales of eGuru.
 - Presented and pitched the project to various companies and competitions. Successfully raised 150.000€ in funding.

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, Unix, SQL, GIT. Good knowledge of Javascript, CSS, HTML. Object oriented programming. Basic Knowledge of C++ and Swift.
- Data:** AWS, Ubuntu, Digital Ocean, Restful API's, MongoDB, Neo4j. Data Analysis, data scrapping, network analysis, machine learning. (Pandas, Numpy, Keras, Scikit-Learn, Jupyter Notebooks)
- 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

- In-house writer/blogger and content creator for OnLiquid, a start-up that focuses on app customization through user data analysis.
- Photographer and filmmaker. With over 800 photos published.
- Visited over 70 different countries in the world. Studied in a French high school and had all courses in French until the age of 18.