

CAROLINA JOÃO

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EDUCATION

INSTITUTO SUPERIOR TÉCNICO (UNIVERSIDADE DE LISBOA)

LISBON, PORTUGAL

Bachelor's degree in electrical and computer engineering

Sep 2023–Present

- #1 Engineering School in Portugal and #24 in Western Europe according to SCImago Institutions Rankings 2024

ČESKÉ VYSOKÉ UČENÍ TECHNICKÉ V PRAZE (ATHENS COURSE: APPLICATIONS OF IONIZING RADIATION)

PRAGUE, CZECH REPUBLIC

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- Learned practical X-ray fluorescence (XRF) for artifact dating and authenticity checks, explored advanced medical imaging, radiation therapy, and particle accelerators, and strengthened data-processing and computational skills by investigating TOKAMAK fusion technology.
- Developed strong analytical, adaptable, collaborative, and communication skills through diverse experiments, methodologies, and international teamwork.

ROYAL ACADEMY OF DANCE – INTERMEDIATE FOUNDATION

2005-2025

- Trained classical ballet, developing strong technique, discipline, and stage presence.

FUN LANGUAGES

COIMBRA, PORTUGAL

Cambridge Certificate B2 (Upper-Intermediate English) : Final Grade [177/190]

EXPERIENCE

SPEAKER TEAM – JEEC

LISBON, PORTUGAL

- Contacted industry experts to deliver lectures and managed logistics including scheduling, travel arrangements, etc
- Successfully secured high-profile guests, including a Senior Data Scientist at NASA, significantly elevating the event's visibility and impact

LISAT – CUBE SAT COMPETITION (PORTUGUESE SPACE AGENCY)

LISBON, PORTUGAL

- Serving as a Payload Member, selecting and integrating sensors for the mission;
- Designed an OBC (On-Board Computer) and AIS Receiver.

LECTURE WITH PROFESSOR STEVEN B. LEEB, MIT

LISBON, PORTUGAL

- Gained hands-on electrical engineering experience by building an oscilloscope and wave generator with MIT's Prof. Steven B. Leeb, enhancing problem-solving, technical proficiency, and collaboration skills.

STATIC WING BENDING TEST AT TEKEVER (FÓRUM MECÂNICA – IST)

LISBON, PORTUGAL

- Developed a solution with my team to test the wing bending resistance of Tekever drones.

VOLUNTEERING

JEEC (JORNADAS DA ENGENHARIA ELECTROTÉCNICA E DE COMPUTADORES)

LISBON, PORTUGAL

- Volunteered across multiple shifts, assisting in event logistics and gaining hands-on experience in large-scale operations.
- Attended workshops and networked with industry professionals, strengthening communication, problem-solving, and time-management skills.

WEB SUMMIT

LISBON, PORTUGAL

- Provided on-stage catering to speakers, enhancing confidence in networking and improved communication.
- Optimized time management and ensured timely task completion.

LANGUAGES SKILLS

Portuguese (Native); **English** (Upper-Intermediate); **French** (Basic); **Spanish** (Basic)

COMPUTER SKILLS

Microsoft Office ; C++ ; LaTeX ; Xilinx VIVADO ; Canva ; Genially ; Oracle Virtual Box ; Visual Studio ; RISCv assembly ; R 4.4.2 ; KiCad 8.0

ADDITIONAL INFORMATION

- Received the Merit Student Award for six consecutive years. (7th, 8th, 9th, 10th, 11th, 12th grade)