

AXEL CARAPINHA



Lisbon, Portugal | (+351) 925115281 | axel@axelamc.com | axelamc.com | linkedin.com/in/axel-carapinha/ | 21 years

Aspiring inventor. A student for life, transitioning into the field of AI.

EDUCATION

Bachelor of Computer Science and Engineering

- 2024-2025 | Instituto Superior Técnico | Average: 17 / 20 (currently finishing)
- 2023-2024 | Universidade de Évora | Average: 18 / 20
- 2022-2023 | Universidade de Évora | Average: 15 / 20

RECENT AWARDS

EY AI Challenge 2025 winning team

- From 150 pre-selected participants, 30 teams of 5 members
- Our team made a Stock agent that recommended investments based on the client's profile

EXPERIENCE

BNP Paribas | Drive Mentoring Program 2025 | February 2025 – June 2025 | Lisbon, Portugal | Hybrid

- Implemented an open-source chatbot with RAG from scraped content
- Applied RPA for daily tasks and gained insight into the rigorous software engineering practices at BNP

EXTRACURRICULARS

Open-source projects

- <https://github.com/axelcarapinha/ISToResumido> | Source-backed Chatbot from scraped content
- <https://github.com/axelcarapinha/Lexigraph> | Cloud personalized Anki card generator
- <https://github.com/axelcarapinha/Automations> | RPA, Bash and Python scripting, IaC with Ansible, Web Scraping, ...

STT (Security Team @Técnico) | September 2024 - March 2025 | IST

- Enjoyed at least 2 hours every day learning on online platforms (Web Security Academy and HTB Academy)
- Participated in Capture the Flag (CTF) competitions and diverse group meetings with the team (almost every week)

Competitive Programming Team | September 2023 - September 2024 | UÉvora

- Practiced and studied DSA concepts with online platforms (LeetCode and NeetCode)
- Completed at least one advanced challenge per week focused on DSA, math and speed (with Java, Python and C)

AmbientalIST | January 2025 - May 2025 | IST

- Joined the website team and migrated the website to a more maintainable JAMstack approach
- Reduced blog posting time by at least 85% by implementing an external CMS

SKILLS

- Proficient: Python, Java, C, Ansible, Docker, Flask
- Intermediate: Azure, AWS, SQL, scikit-learn, Pandas, NumPy, Bash
- Novice (for now): OpenCV, PyTorch, TensorFlow, Hugging Face Transformers, MLflow, Kubernetes, Kubeflow, Kafka

COMPLEMENTARY INFORMATION

- Languages: English (C1, currently improving), Spanish (C2), Portuguese (native)
- Other passions: Running, calisthenics and reading non-fiction (daily), cycling and Krav Maga (whenever possible)