Gonçalo Azevedo

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Education

Instituto Superior Técnico   *Oct 2021 to Jul 2025*
Bachelor in Computer Science and Engineering

Open Source Contributions

Apache Airflow   *Airflow PR #39873* ↗
- ○ Simplified authentication for Airflow Google Cloud Operator pipelines, eliminating the need to store and manage sensitive information on the host machine.
- ○ Tools used: Python, Google Cloud, Keycloak, Docker

Projects

HS-API   *API* ↗, *CLI* ↗
- ○ Developed a CRUD API for managing personnel, projects, and workshops at Hackerschool, along with a CLI interface.
- ○ Tools used: Go, Flask, SQLite

HS-Solar   *Solar* ↗
- ○ Trained a YOLOv8-L model to detect photovoltaic installations from multi-sensor data, as part of a system to identify potential sites for new solar deployments.
- ○ Tools used: YOLOv8, Google Colab, Flask

Other Experience

Team Coordinator & Developer & Human Resources   *Mar 2023 to present*
HackerSchool
- ○ Led the HS-API team in developing an internal management application.
- ○ Developed a computer vision model to identify photovoltaic panels in aerial imagery as part of the HS-Solar team.
- ○ Planned workshops and managed onboarding as part of the Human Resources team.

Volunteer   *Oct 2022*
Linux Install Party
- ○ Volunteered in assisting students in their first installation of Linux.

Member   *Jan 2021 to present*
Associação Crato+
- ○ Organized and managed events to engage and dynamize the local community.
- ○ Handled technical operations, including domain setup and hosting static pages to enhance the organization's online presence.

Technologies

Languages: Python, Go, Javascript, Java, C/C++, Bash, SQL

Tools: Arch Linux, VSCode, Git, Docker, Obsidian

Frameworks: Flask, Vue.js, Django