

EDUCATION

- **Polytechnic Institute of Guarda** Guarda, Portugal
Bachelor of Computer Engineering *Sept. 2018 - Dec. 2022*
 - **Thesis:** [Extension of a competitive programming web application](#)
- **IPAM – The Marketing School** Lisbon, Portugal
Post-Grad in Marketing and Business Technologies *May 2021 – Jan. 2022*
- **Polytechnic Institute of Guarda** Guarda, Portugal
Higher Professional Tech Course in Software Development *Sept. 2016 – June 2018*

EXPERIENCE

- **Software Developer Intern** Guarda, Portugal
Research Intern at Polytechnic Institute of Guarda *July 2022 - Dec. 2022*
 - **Platform Development:** Enhanced a [competitive programming platform](#) by evaluating, analyzing, and adding new functionalities, resulting in its successful use in multiple tournaments by over 30 students. Improved features enabled detailed performance analysis of participants.
 - **Plagiarism Detection:** Created and integrated an open-source plagiarism detection system for code submissions [\[1\]](#), [\[2\]](#), which effectively identifies cheaters, resulting in more reliable grading and evaluation of student work in competitive programming tournaments
 - **Compiler System Modification:** Modified compiler system to support Haskell and Prolog, enabling its use in real-world settings at the Institute where these languages are currently taught.
 - **Performance Improvement:** Enhanced platform code readability and performance by converting React class components to functional components.
- **Software Developer Intern** Guarda, Portugal
GoContact, supervised by [Pedro Pinto](#). *Mar 2018 - July 2018*
 - **Web Application Development:** Design and developed a [web application](#) suggested and accompanied by the development team manager to monitor the tasks of a JIRA project through custom features that were not present in the platform at the time.
- **Graphic Design Freelancer** Guarda, Portugal
Visualoutline founder *Aug 2014 - Present*
 - **Branding and Logo Design:** Designed and executed branding and logo projects for small businesses and startups [\[1\]](#), [\[2\]](#), [\[3\]](#), resulting in improved brand recognition and increased customer loyalty. By creating visually appealing and cohesive brand identities, these businesses were able to stand out in their respective industries and establish a strong presence in the market.
 - **Interactive Presentation and Social Media Design:** Created engaging and visually compelling presentations, infographics, and social media materials for clients across various industries, increasing online presence and engagement.
 - **Email Marketing and Web Design:** Successfully launched email marketing campaigns, web banners, and UI/UX designs that resulted in increased conversions and customer engagement, optimizing designs to communicate clients' messages and drive action.
 - **Print Material Design:** Developed a wide range of print materials, including flyers, brochures, and billboards, enhancing clients offline marketing efforts, and creating a cohesive brand image.

PROJECTS & CERTIFICATIONS

- **Front-End Developer Specialization:** Meta Professional Certificate Front-End Developer
- **codeflex2** : Extension of competitive programming platform.
- **terminal-headlines:** A terminal-based news reader.
- **polybar-news:** News display module for status bars in tiling window managers.

PROGRAMMING SKILLS

- **Languages:** : Javascript, HTML, CSS
- **Technologies:** : Adobe Suite, Git, React, React Native, Svelte, Docker, Wordpress, Node, Ncurses, Tailwind