Alexandra Silva

alexandra.psiilva@hotmail.com
linkedin.com/in/alexandrasiilva

LANGUAGE SKILLS

Portuguese (Native)
English (Advanced)

PROGRAMMING AND OTHER TECHNOLOGY SKILLS

GDScript
Python
JavaScript
C++
C#

Godot
Unity
Unreal Engine 4
Adobe Photoshop
Adobe After Effects

WORK EXPERIENCE

FABAMAQ (May 2019 – August 2023)
Godot Game Developer (GDScript, Godot) (March 2022 – August 2023)
- Development and maintenance of features for web casino games;
- Transition from in-house engine to using Godot and creating the layer need for the specific features of casino games;
- Creation of tools for the artists, as well as supporting them.

Game Developer (JavaScript, C++) (May 2019 – March 2022)
- Development and maintenance of features for casino games;
- Refactoring of older parts of the codebase, applying design patterns;
- Documentation of both refactors and new features such as a dynamic fragmentation of possible values for bonuses based on the coin change problem.

LAMINA STUDIOS (March 2017 – December 2017)
Pixel Artist @ Dungeon Souls (Adobe Photoshop)
- Freelance artwork for seasonal events.

EDUCATION

UNIVERSITY OF PORTO – FACULTY OF ENGINEERING
(October 2021 – October 2024)
Masters in Multimedia – Interactive Technologies and Digital Games

- Concluded with a thesis focused on the research, design and prototype implementation of a serious game for the therapy and quality of life improvement of characteristics of ADHD and/or ASD in young adults.

POLYTECHNIC OF PORTO – SCHOOL OF ENGINEERING
(September 2014 – November 2017)
BSc in Informatics Engineering

VOLUNTEER EXPERIENCE

NCGM | STUDENT NUCLEUS OF COMPUTER GRAPHICS AND MULTIMEDIA
Volunteer at the Student Nucleus' Events Department

IEEE PORTUGAL
Electronic Communications and Newsletter Coordinator

ISEP IN IEEE | ISEP'S IEEE STUDENT BRANCH
Volunteer and Vice President at ISEP's Student Branch: Creation of various materials for the student branch and branch event's, organization of events in collaboration with other ISEP societies, management of social media platforms and recruitment of new members.

INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEMS DESIGN AND APPLICATION (ISDA) 2016
Part of the organizing committee: creation of posters and flyers, check in of the participants at the entrance, as well as guiding and translating for them, and distribution of certificates.