



Alexander Denisov

(+351) 934544826 | a.denisov@campus.fct.unl.pt | <https://alexander-denisov.web.app> |

Lisboa, Portugal

About me: Inquisitive, energetic, with a strong foundation in math, logic, and cross-platform coding. Current university student enrolled at Master in Computer Science with 3+ years of experience part time for small projects. Seeking to leverage solid skills in collaboration, communication, and development as Developer.

● EDUCATION AND TRAINING

07/09/2014 – CURRENT – Portugal

MASTER IN COMPUTER SCIENCE – The NOVA School of Science and Technology (FCT NOVA)

<https://www.fct.unl.pt>

● WORK EXPERIENCE

21/06/2020 – 05/01/2021 – Lisboa, Portugal

SOFTWARE DEVELOPER – ALBATROZ DIGITAL

Development of product PeddyApp

- Application available on Android and IOS
- Objective is to promote physical activity in children (The more you walk, the more points you get)

My role

- Android version existed before, so my role was to make IOS application with the same standards.
- Did more than 60% of IOS
- Cooperation with the team, via GitLab
- Cooperation on android and server problem solving

Application can be found here:

<https://www.peddyapp.pt>

● PROJECTS

Grant Application System (React)

Grant Call is a fully built system, that manages Call and Applications to Grants. With the role-based system and authentication.

Tech Stack:

- Server: Spring + Kotlin + Swagger + JUnit5 + MySQL
- Client: TypeScript + React

Tmask (React)

Tmask is a Commercial Website, build with React, that allows the client to design and customize facial masks with help of a build-in constructor. Also, it is possible to share designs with the community. To make sure the size is right, the face profile option is available to measure and choose the right mask size.

Project Demo Live: <https://denisov93.github.io/Tmask>

GeoPlaces (Angular)

<https://www.youtube.com/watch?v=J-oy-6GD8sc>

GeoPlaces product consists of a Website, Android App, and Server.

Its main purpose is to stimulate Rural Tourism in Portugal, to encourage find new beautiful places and share them with the community, at the same time stimulating the growth of the local economy.

My Role as a developer in this project:

- All frontend TypeScript + Angular
- Occasionally Helping With Server

Tech Stack: Cloud App Engine + Java + NOSQL + TypeScript + Angular

Promotional Website: <https://geoplaces.webnode.pt>

RescuePaws (Android)

This product consists of Colar Device for Dogs/Cats and Android App they work synchronously to help dog owners to find their animals and drop down their stress level.

Android App was made with AndroidStudio

Promotional Website: <https://rescue-paws68.webnode.pt>

Automatic Image Recognition (Python)

Automatic Image Recognition of bacteria cells and categorization of cell images in 4 groups (unclassified, phases 1 2 3).

Automatization of process cut in days of work for scientists.

A project in Python includes:

- Feature extraction PCA/t-SNE/Isomap
- Clustering with Affinity Propagation / DBSCAN /K-Means
- Comparison between results

● DIGITAL SKILLS

Visual Studio Visual Studio Code | Tools Eclipse IntelliJ Maven SVN Git LATEX | Unity 2D3D | Blender 2.8 | Android Studio | Database Oracle MySQL SQL + Access | XCode | After effects | - Object C C ++ JAVA Visual Basic WinDev UML VHDL | Web Development HTML 5 CSS JavaScript

● LANGUAGE SKILLS

Mother tongue(s): PORTUGUESE | RUSSIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user