

PERSONAL INFORMATION

Bernardo Lopes

- 📍 (Portugal)
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- 🌐 <http://bernardolopes.net/>

WORK EXPERIENCE

01/10/2017–Present

Full-Stack Web and Android Developer

Centro de Investigação de Montanha - IPB, Bragança (Portugal)

- Design and implementation of a standardized database for the additives approved by the EFSA;
- Development of a REST API that provides access to create, read, update and delete (CRUD) operations;
- Implementation of a dynamic website in Apache Wicket that displays additives information, along with a search tool and a blog;
- Development of a mobile app for iOS and Android devices, with all the features of the website and the use of artificial intelligence to identify additives in product labels.

08/06/2016–26/06/2017

Vice-President

Núcleo de Estudantes de Engenharia Informática, Bragança (Portugal)

<http://neei.alunos.ipb.pt/>

- Organization of events;
- Providing support to students;
- Updating and maintaining school resources.

Business or sector Núcleo de Estudantes de Engenharia Informática (NEEI) is the representative structure of the students enrolled in the Bachelor's Degree in Informatics Engineer of the Polytechnic Institute of Bragança.

EDUCATION AND TRAINING

11/09/2017–Present

Master's Degree in Information Systems

EQF level 7

Polytechnic Institute of Bragança - School of Technology and Management, Bragança (Portugal)

15/09/2014–19/07/2017

Bachelor's Degree in Informatics Engineering

EQF level 6

Polytechnic Institute of Bragança - School of Technology and Management, Bragança (Portugal)

Final score of 16 out of 20 and A on the ECTS scale.

Acquired skills:

- Programming languages: C, C++, PHP, Javascript, Java, C#;
- Databases: MySQL, PL-SQL, SQLite, Apache Derby;
- Software engineering and modelling techniques;
- Game development in OpenGL and Unreal Engine 4.

Projects:

- Online movie database, built from scratch using PHP, HTML, CSS, Javascript and MySQL;
- Two-dimensional platforming game for Windows developed in C and OpenGL;
- UWP (Universal Windows Platform) application for personal finance management built with C#, XAML and SQLite;

- Java EE, JPA, EJB and JSF web platform to manage weather records and integration with a Java GUI program to visualize them, using RESTful web services;
- Fantasy sidescroller for Windows and Linux with different playable characters, various enemies and mechanisms throughout three levels. Developed as the final project using Unreal Engine 4, Blender and Autodesk Maya.

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C2
Spanish	C2	C2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills

Courses Attended at Polytechnic Institute of Bragança:

- Introduction to iOS Development in Swift;
- CCNA Routing and Switching: Introduction to Networks;
- CCNA Routing and Switching: Routing and Switching Essentials ;
- CCNA Routing and Switching: Connecting Networks ;
- CCNA Routing and Switching: Scaling Networks.

Online Courses:

- How to Use Git and GitHub (Udacity).