Afonso de Valverde Bento

Date of birth: 16/02/2005 | **Place of birth:** Almada, Portugal | **Nationality:** Portuguese |

Gender: Male | **Phone:** (+351) 934713534 (Mobile) | **Email address:**

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ABOUT MYSELF

Final-year Computer Engineering student with strong foundations in software development, algorithms and computer networks. Practical experience through academic projects and a strong interest in applying technical knowledge in professional and remote environments. Seeking opportunities to grow as a software developer.

EDUCATION & TRAINING

10/09/2020 - 20/06/2023 - ALMADA, PORTUGAL

UPPER SECONDARY EDUCATION - ESCOLA SECUNDÁRIA CACILHAS-TEJO

Field(s) of study: Science and Technology

10/09/2023 - Current - ALMADA, PORTUGAL

BACHELOR'S DEGREE IN COMPUTER ENGINEERING - NOVA SCHOOL OF SCIENCE AND TECHNOLOGY (FCT NOVA)

Programming (object-oriented and functional); data structures and algorithms; database design and SQL; software engineering methodologies; operating systems; computer networks; web and application development; version control; analytical and problem-solving skills.

Level in EQF: 6

SKILLS

Object-oriented programming | Software development | Data structures and algorithms | Databases (SQL) | Web development | Version control (Git) | Python | JavaScript | Java | SQL | HTML | CSS | C

LANGUAGE SKILLS

Mother tongue(s): **PORTUGUESE**

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

HOBBIES AND INTERESTS

Sport – Football Competitive football player with experience across multiple clubs and competitive levels, currently at Clube Desportivo Cova da Piedade. Developed strong adaptability, teamwork, discipline and resilience through progression in different teams and competitive environments.
Links https://www.zerozero.pt/jogador/afonso-bento/382602?search=1

Travel and cultural exploration Strong interest in travelling and exploring new places and cultures, enhancing adaptability, open-mindedness and the ability to engage with diverse environments and perspectives.

- ## DRIVING LICENCE

Driving licence: B

- ## PROJECTS

Artificial Intelligence – Simulated Annealing Developed an artificial intelligence solution using the Simulated Annealing optimization algorithm. The project focused on problem optimization, algorithm design and performance analysis. Implemented in an academic context, applying heuristic search techniques and analytical problem-solving skills.
Links https://github.com/avbento67793/IA-Simulated_Annealing

Computer Networks Projects Development of a client-server file transfer system as part of a Computer Networks course. Implemented a multi-threaded server capable of handling multiple simultaneous clients, allowing directory listing and file download requests. The system was developed in Python, applying socket programming, concurrency and network communication concepts.
Links https://github.com/avbento67793/RedesDeComputadores

Computer Graphics – 3D Hierarchical Modelling and Projections Development of a 3D computer graphics project focusing on hierarchical modelling and projection techniques. Implemented scene graphs, transformations and shaders using JavaScript and WebGL. The project was developed in an academic context, emphasizing graphical rendering, modular design and interactive visualization.
Links https://github.com/avbento67793/CGI-Projeto2