



Daniel Pace

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Gender: Male Date of birth: 16/09/2005 Nationality: Maltese

EDUCATION AND TRAINING

[2023 – Current]

Bachelor of Science in Information Technology (Honours) (Artificial Intelligence)

University of Malta <https://www.um.edu.mt/>

City: Msida | Country: Malta |

[03/07/2024 – 29/07/2024]

Centre International Francophone Culturel (CIFIC) Internship

AMICIF <https://www.amicif.fr/>

City: La Baule | Country: France | Field(s) of study: French Language Proficiency

- Listening comprehension of the French language, as well as written
- Speaking and conversing in the French language about subjects in various domains
- Socialising and networking to create relations with others in French
- Creating skits and short scenes centred around a certain topic in the French language
- Performing, acting, and singing in French, in front of a crowd

[2021 – 2023]

Grade A in Advanced level Pure Mathematics and Computing

St. Martin's College Sixth Form <https://www.chs.edu.mt/>

City: Swatar | Country: Malta |

[2021 – 2023]

Grade A in Intermediate level French, Marketing and Environmental Science

St Martin's College Sixth Form <https://www.chs.edu.mt/>

City: Swatar | Country: Malta |

[2018 – 2021]

O-level standard in: Maths, Maltese, English Literature, English Language, Religion, Graphical Communication, Physics, Computing, French

St. Martin's College <https://www.chs.edu.mt/>

City: Swatar | Country: Malta |

[2015 – 2020]

ECDL certificate

St. Martin's College <https://www.chs.edu.mt/>

City: Swatar | Country: Malta |

WORK EXPERIENCE

University of Malta

City: Msida | Country: Malta

[06/2025 – Current]

University research assistant

- Currently assisting with the SWIM-360 research project:
 - Integrating multimodal swimming data from video footage, as well as biometric sensors to extract meaningful information using AI techniques.
 - Extracting a meaningful pixel-to-metre scale from swimming footage, to facilitate extraction of useful metrics such as swimmer velocity and stroke length.
 - Collect swimmer data such as video footage, and biometric data including muscle-oxygen, heart rate, and power output

- Reading new and relevant papers in the domain of sports and AI, XAI, and computer vision
- Help draft new research papers about the research project

Swimming Workshop <https://swimmingworkshop.com/>

Country: Malta

[08/04/2024 – Current] **Swimming instructor**

- Creating fun and engaging lesson plans
- Adapting lesson plans to cater for the children
- Teaching children of different ages and swimming capabilities
- Teaching young toddlers how to swim unaided
- Teaching children how to swim the various strokes: freestyle, breaststroke, backstroke, and butterfly.

Ministry for the Environment, Energy and Enterprise

City: Valletta | **Country:** Malta

[03/07/2023 – 15/09/2023] **IT Intern**

- Maintaining, Upgrading and Scrapping laptops. Initialising and setting up newer laptops.
- Aiding in setting up a new server.
- Cable management & inventory taking and organisation

JA Malta

Country: Malta

[18/07/2022 – 26/08/2022] **Programme Facilitator**

- Delivering a lesson teaching about communities to children aged 7 - 9 years old about:
 - The variety of careers
 - The flow of money, and
 - The fundamentals of taxation.

LANGUAGE SKILLS

Mother tongue(s): English , Maltese

Other language(s):

French

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

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

HONOURS AND AWARDS

[28/11/2020] **Codesprint Finals Participation Award Awarding institution:** ICE Malta

See certificate [here](#).

[2022] **1st Runner Up in the Company Programme Awarding institution:** JA Malta

An award for coming in second place in the Company Programme organised by JA Malta. This competition involved starting up, running, and closing a company.

See certificate [here](#).

Malta

An award for the mini-company that embodies the principles and spirit of green entrepreneurship to the highest extent.

See certificate [here](#).

HOBBIES AND INTERESTS

Leaning new languages

I enjoy learning new languages as it often unlocks new ways of expressing myself and new ways of thinking, it also helps to better understand and embrace different cultures and schools of thought. I have studied the French language in an academic setting from secondary up until Sixth Form and have participated in an overseas internship in France. I am currently studying the French language through additional units at the University of Malta, supplemented further by reading French literature and consuming French media such as long and short form videos, as well as French music.

Regarding languages other than French, I have also been learning Japanese through the language learning app Duolingo for over 4 years, supplemented by reading, watching videos and listening to music. Aside from these 2 languages, I have picked up a bit of Italian and although I struggle to speak it, I can understand a large majority of conversations in Italian.

Competitive Swimming

I have been training since I was around 2 years old with Swimming Workshop, and later on, when I was around 10, I moved to the SW Elite group for more competitive swimming, in which I am currently the fastest sprinter.

Swimming from a young age has instilled a strong sense of self-discipline and responsibility, and helps maintain good physical and mental health.

Programming

Programming is an avid passion of mine and I enjoy programming new projects. I get a lot of satisfaction from solving a problem, motivating me to continue this passion, as I learn more programming languages. I have taken part in programming competitions such as codesprint in 2020, where I came in 6th place.

Since then, I have continued to develop my programming skills and have done a variety of personal projects in different programming languages, some of which are available on [my github page](#). My preferred programming languages are Java and Python, but thanks to my studies I have picked up many other languages such as html, javascript, c, c++, r, and arduino, amongst others.

Video Games

I enjoy playing video games in my free time as a way of relaxing and unwinding after a long, tiring day. The genre of video games which I enjoy playing the most are open-world games where I can explore vast, open worlds and enjoy the scenery, as well as sandbox games where I can let my imagination run wild and make unique creations.