Youssef Neji

Nationality: Tunisian | **Phone number:** (+216) 94730853 (Mobile) | **Email address:** nejiyoussef081@gmail.com |

Website: https://youssef0356.github.io/My_Portfolio/ | **LinkedIn:** www.linkedin.com/in/youssef-neji356 |

Address: sfax, Tunisia (Home)

ABOUT ME

Passionate developer creating responsive, user-friendly websites. Enthusiastic about using AI to solve real-life problems. Skilled in 3D, VR, game development, and video editing.

WORK EXPERIENCE

TDS | TECHNOLOGY DEVELOPMENT SYSTEMS – SFAX, TUNISIA
Email commercial@tds-didactic.com | **Website** https://tds-didactic.com

SOFTWARE DEVELOPMENT & MULTIMEDIA MANAGER – 11/08/2025 – CURRENT

- **Augmented Reality Development**: Design and development of AR applications to support machine maintenance and technical training.
- **Artificial Intelligence** : computer vision and generative AI development based on pretrained models.
- **Web & Digital Management**: administration of the company's website, ensuring updated content.
- **Social Media Management**: Creating and managing social medias to enhance brand presence online.
- **Multimedia Manager**: graphic design, video editing .
- **Photography & Filmography**: Captured and edited high-quality photos and videos for events and products

UNIVERSITY OF SFAX – SFAX, TUNISIA
VR & AI APPLICATION DEVELOPER – 01/01/2025 – 03/06/2025

- Developed and integrated AI-powered chatbots to answer student questions by collecting data and fine-tuning a pretrained model.
- Created a virtual 3D environment using **Unreal Engine 5** to simulate an interactive university fair.
- Managed real-time communication between the AI system and the VR application.
- Collected various types of data, including user behavior, mini-game results, feedback, and conversation logs.
- Analyzed and visualized data using Python libraries, presenting insights through clear and informative graphs.

AGENCY FOR THE DEVELOPMENT HERITAGE - HKA UNIVERSITY – GERMANY , MALAYSIA , OMAN , TUNISIA
VIRTUAL EXHIBITION SPACE (VES) INTERN – 01/03/2024 – 17/12/2024

- Designed 3D objects for virtual exhibitions using **Blender**, **Unity**, and **Unreal Engine**.
- Conducted a **Blender workshop in English** for international students, enhancing their 3D modeling skills.
- Contributed to developing AR application for the **Agency for the Development of Heritage and Cultural Promotion**

PERFAXIS – SFAX, TUNISIA
WEB DEVELOPER INTERN – 01/07/2024 – 31/07/2024

- Developed and maintained a leave request management system using ASP.NET Core and SQL Server.
- Integrated email notifications for leave approvals and rejections using Outlook SMTP.
- Created responsive user interfaces using Tailwind CSS and Razor Pages.
- Ensured secure role-based access with Identity framework.

CODY SPACE AT EIS - INTERNATIONAL SCHOOL IN SFAX – SFAX, TUNISIA
ROBOTICS & PROGRAMMING INSTRUCTOR – 23/06/2025 – 21/07/2025

- Taught children aged 6 to 10 the basics of programming using Scratch and LEGO WeDo.
- Guided students through hands-on projects, encouraging teamwork and innovation.

EDUCATION AND TRAINING

01/11/2022 – 01/01/2026 Sfax, Tunisia
BACHELOR'S DEGREE IN DATA ANALYSIS AND BIG DATA Higher Institue Of Technology And Multimedia In Sfax

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s): **ENGLISH** | **FRENCH**

SKILLS

Development

Augmented Reality | Python | Data Visualization | Laravel | Bootstrap | ASP .net | Git | Tailwind | React | Html+CSS+JS | JSON / Data Structuring

Artistic

3D Interaction Design | Photoshop Design | Unreal Engine 5 | Sound Design | Virtual Reality | 3D Animation | 3D Modeling | Figma design

VOLUNTEERING

01/09/2023 – 01/04/2024 Tunisia , Sfax
Game Developer Team Leader, ISIMS Google Students Club

- Organized with Google Developer Group workshops and events to promote coding, web development, and technology skills.
- Supported peers with hands-on learning of programming tools and modern web technologies like flutter.
- Led a team of students through weekly online meetings using **Trello** to organize tasks and track progress.

Hackathon 4th place– ISGI Sfax

- Developed a **website for people with disabilities** called **Wa3ini**, designed to improve and support users with special needs.
- Managed to learn React , Git and Tailwind and learned how to develop in team environment

Link https://wa3ini.netlify.app/

Dev Fest with Google Developer Group in sfax
Hackathon 1st Place Winner

- Creating a 3D animation explaining large language models.
- Collaborated with three other participants to attend AI workshops and integrate machine learning concepts.

At MTC ISET
Ideathon 1st Place Winner – ISET Sfax

- Won 1st place in a themed ideathon focused on designing a horror game concept aimed at solving real-world psychological or educational problems.
- Collaborated with a team to identify a core issue and creatively address it through game mechanics and storytelling.
- Worked on a UI/UX design process using figma to prototype interactive user flows and immersive horror-themed interfaces.