

Nathan Heaton

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EDUCATION PROFILE

South East Technological University (SETU) Carlow

Expected graduation date: June 2026

B.Sc. in Interactive Digital Art and Design

Year 1 GPA: 72.3% - First Class Honours 1.1

Year 2 GPA: 73.455% - First Class Honours 1.1

Relevant modules: UI programming, Ui Testing, UI Prototyping, Design psychology, Web UI Design, Game Design, Interaction Design, Introduction to Object Oriented Programming, Human Computer Interaction

Proficient with wireframing tools, with experience in developing websites and conducting usability testing. Passionate about Designing intuitive UI and increasing my skillset, I am eager to contribute my skills to a dynamic team in a UX internship.

PROFESSIONAL EXPERIENCE

Portfolio Website

March 2024

Web Design and Developer

- Researched 3 design orientated portfolios, compiled list of strong elements
- Wireframing with penpot ensuring the streamlined Information Architecture and clear navigation
- Developed Visual Studio Code using html CSS JS and jQuery
- ChatGPT to brainstorm Ideas and clean up code reducing development time

[Link to website](#)

Retrograde Dublin

May-September 2024

Web Design and Developer

- Designed and programmed band website to increase ticket sales and develop brand image
- Wireframing with penpot ensuring the design matched the product owners and users' needs through iterations and feedback
- Built in Visual Studio using html CSS JavaScript and jQuery

DNOreillysfuels Carlow

November 2023

Web Design and Developer

- Designed and built a web store for D&N O'REILY fuels using Shopify allowing the company to sell online increasing sales

UNIVERSITY PROJECTS

Usability And UCD Website

April-May 2024

Collaborated in a team, developing an educational website

My Activity

- Researched 2 educational websites
- Established the target user and planed the information architecture to match needs
- Coded using Html JS and CSS and followed wireframes and make changes to adhere to the usability heuristics
- Ensured responsive and mobile compatible design for optimal viewing on all devices

[Link to website](#)

USAP UI Redesign

October-November 2023

Task to find a website with a poor or outdated UI and design a refreshed version

My Activity

- **Deciding on a website to redesign:** Redesigned the Usap.gov website because its aesthetic was outdated and difficult to navigate
- **User testing:** Tested and recorded various people using the website and compiling findings
- **Wireframing:** Iterated designs to optimise user navigation speed. Ensured consistency with existing USA government websites and adhered better to standard UX guidelines.

[Link to website](#)

SKILLS

- **Programming languages:** C++, Python, JavaScript, html
- **Design/Art software:** Figma, Penpot, Inkscape, Adobe Photoshop, Spine, Aseprite, Maya, Blender
- **Computer software/Frameworks:** Git bash, Microsoft Office, jQuery, SFML, Visual Studio 2022, Visual Studio Code, Plesk
- **Languages:** English, Hungarian

OTHER WORK EXPERIENCE

GRI (Green Restoration Ireland)

September-December 2022

Field scientist assistant

- Taking different measurements on bogland around Ireland to track bog health and the effects of climate change

Orthomosaic Creation

- Compiled DJI drone images to make orthomosaics using pix4d fields
- Rendered 3D photogrammetry mappings of captured land with pix4dmapper

ACHIEVEMENTS AND EXTRA-CURRICULAR

- 14th at ZeroDays 2024 at Croke Park
- Self-taught Classical pianist and guitarist, played for TCS (Tullow Community School), performed classical guitar at cultural festival

REFERENCES

1. Colm O'Neill - Lecturer at SETU Colm.ONeill@setu.ie | **083 435 8672**

2. Niall Dowling – Retrograde nidow2004@gmail.com | **083 189 9888**

3. Dr. Douglas McMillan – General Manager, Green Restoration Ireland doug@greenrestorationireland.coop | **087 967 8 372**

More available upon request