Marcus Craig

Creative Technologist

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Irish creative technologist based in Trondheim, working where infrastructure, software and art meet. As the ICT coordinator at RELIS Midt-Norge (St. Olavs Hospital), I build and run the search, APIs, web platforms and AI tooling behind drug-information services for healthcare professionals in Norway and Sweden. Trained as a photographer and media artist, with an MSc in Art & Technology, I favour durable, open web technologies and hardware built to last.

Skills

Development

JavaScript, Node.js
PHP, WordPress
SQL (MS SQL, MariaDB, SQLite)
HTML, CSS
REST & SOAP APIs
Python, C#/.NET

Infrastructure

Linux servers, nginx
Hyper-V, Docker
pfSense, DNS, TLS
Backup & recovery
Server migrations
Security hardening

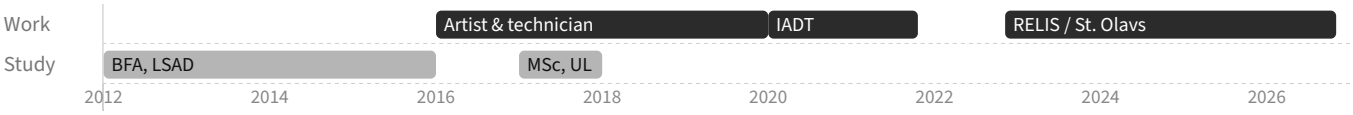
Platforms

Microsoft 365, SharePoint
Entra ID, Active Directory
Copilot Studio, Azure
Typesense search
GitHub Actions
Digital signage

Creative

Max/MSP, TouchDesigner
Processing, p5.js
Arduino, Raspberry Pi
Adobe CC, Blender
Camera, DOP, DIT
AV & event systems

Timeline



Experience

ICT Coordinator | RELIS Midt-Norge, St. Olavs Hospital, Trondheim Nov 2022 – present

Sole ICT role for RELIS, the regional drug-information centres for healthcare professionals, working with colleagues across four regions.

- Built and maintain a Node.js + Typesense search service indexing about 50,000 Q&A cases for relis.no and svelic.se, with scheduled indexing and an advanced search.
- Designed a versioned REST API over the search index for partners such as Helsebiblioteket, and a proxy for the legacy case database.
- RELIS lead on an AI assistant pilot with Helse Vest: a Copilot Studio (RAG) bot over Q&A data, with the data-cleaning export pipeline, Entra ID / Direct Line security and pen-test coordination.
- Built the registration platform for the national Fagseminar (about 300 delegates a year), with invoicing exports and course certificates, and run the AV on site.
- Planned and carried out the 2025 server migration (Hyper-V, pfSense split-DNS, tested rollback), and administer Microsoft 365, SharePoint and Teams.

ICT Technical Officer & Head of AV | IADT, Institute of Art, Design + Technology, Dublin Feb 2020 – Oct 2021

Hired for AV expertise; became a core part of the ICT team when lockdown hit a campus of about 3,000 students.

- Devised an "IT triage" during lockdown: about 100 bare-metal remote-access machines alongside Azure cloud desktops.
- Took over AV in 2020: projection, web-conferencing infrastructure, and a BrightSign signage server driving 20 networked players.
- Helpdesk and systems work: Active Directory, SCCM deployment, Cisco switching, server-room upkeep (DAS, NAS, iSCSI SAN).

Artist & Digital Media Technician | Freelance and academic posts, Limerick 2016 – 2020

- Learning Support Tutor for LSAD and LIT; exhibition technician, including RDS Visual Artist Awards installs.
- Bespoke gallery installs, such as Raspberry Pi video over long PoE runs for 24-hour uptime; colour-managed large-format fine-art printing.
- Over ten years shooting and editing video for academic and professional clients.

Education

MSc Art & Technology | University of Limerick 2017 – 2018

- Inaugural year. Thesis work: Three Worlds Schema, a kinetic sculpture that doubles as a wireless real-time controller.
- Proposed and led the group build of an Arduino split-flap display fed by live bus times.

BFA Photography & Film | Limerick School of Art & Design (TUS) 2012 – 2016

- nexus/entropy: images received from the ISS over SSTV, encoded into sound and cut to record.
- Student Leader, Clare Street campus, 2016.

Selected work

interloper.ie Infrastructure, ongoing
My own VPS: hardened Linux, nginx with HTTP/2, a custom WordPress theme with generative backgrounds, and several subdomains.

E-ink dashboard Hardware, 2026
Self-hosted TRMNL server in Docker, with my own extensions: a merged family calendar and 48 Norwegian newspaper front pages.

Three Worlds Schema Kinetic sculpture, 2018
A gimbal-like model of Karl Popper's three worlds, with gyroscope sensors streaming wirelessly to visuals on a CRT.

Interloper Notes Full stack, 2026
Self-hosted notes sync server (Node, Fastify, SQLite) holding 5,000+ notes: TOTP login, encrypted off-site backups, Web Push reminders, and an Android client built and signed by CI.

Wow & Flutter Installation, 2025
Reel-to-reel tape drives an oscilloscope in XY mode. The drawing degrades with every loop: a memory subject to atrophy.

nexus/entropy Photography & sound, 2016
Images encoded to audio with SSTV and cut to record, after the Voyager disc and Soviet bone records.

Recognition

- RDS Visual Artist Awards, 2016 (awarded and exhibited)
- John's Square artist residency, Limerick
- News Photographer of the Year, Smedia awards
- Irish Arts Review, "New Generation" feature
- Creative Pathways, 2021: remote collaborative residency (Rückblick)

Exhibitions

- The Ragaire Collective #2 & #3, 2016–17
- emergen_c, LSAD, 2016
- RDS Visual Artist Awards, 2016
- Hive Emerging Gallery and PRIMITUS, 2015
- Five by Seven, Belltable, Limerick, 2014

Languages: English (native) · Norwegian (learning) **Interests:** Analogue and antiquated technology, radio astronomy, pen plotters, 3D Gaussian splatting, and running everything I can on my own hardware.