

Euan Smith

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PROFILE

Aspiring Cybersecurity and Digital Forensics student at Technological University Dublin, with practical experience building automation systems, security infrastructure, and web applications. Currently interning at the European Digital Media Observatory — part of the EU anti-disinformation network — where I build internal tooling, API integrations, and backend automation to EU institutional standards. Outside of work, I built a Python-based computer vision system that autonomously identifies resale opportunities across online marketplaces; it has generated real financial returns, with proceeds donated to Merchants Quay Ireland. I run a home lab with SIEM infrastructure, honeypots, and network segmentation — the kind of hands-on environment where you learn how systems actually break. I approach security from first principles: attacker mindset, failure modes, and building things that hold up under pressure.

EDUCATION

BSc Cybersecurity & Digital Forensics

Technological University Dublin · Starting September 2026

Modules: network security, digital forensics, ethical hacking, cryptography, security operations

Harold's Cross Educate Together Secondary School

- Student Council Representative · Spirit of the Class Award · Stealth Award · Attendance Award

EXPERIENCE

Software Developer Intern — European Digital Media Observatory

Dublin City University · Summer 2026

EDMO operates under European Commission mandate, coordinating anti-disinformation research across all EU member states.

- Built internal automation tooling and API integrations to EU institutional standards
- Managed CMS workflows and the editorial publication pipeline
- Developed social media scheduling tools and performance analytics scripts
- Reduced manual editorial overhead through backend process automation

Freelance Web Developer

Independent

- Designed and hand-coded custom websites for paying clients using Next.js and Tailwind CSS
- Managed project scoping, design, development, and delivery end-to-end

PROJECTS

Marketplace Intelligence System

- Python and computer vision tool that autonomously identifies profitable resale opportunities online
- Includes ROI calculation, risk scoring, and human-in-the-loop decision gates
- Has generated real financial returns — proceeds donated to Merchants Quay Ireland

Multi-Agent AI Sandbox

- Isolated VM running autonomous LLM agents interacting with browser environments
- Research environment studying emergent agent communication and coordination without human supervision

Home Lab Infrastructure

- Linux servers, VMs, and network simulation replicating production security environments
- Active SIEM stack, honeypot infrastructure, and network segmentation experiments

CERTIFICATIONS

SAP: Security and Compliance Learning Journey	Earned	SAP: Business Integrity Screening Fundamentals	Earned
SAP: System Security Foundations	Earned	Google Cybersecurity Certificate	In Progress
CompTIA Security+	In Progress		

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, HTML/CSS

Security: OSINT, network security, digital forensics, SIEM, honeypots, Linux administration

Tools: Git, virtualisation, browser automation, computer vision

Web: Next.js, React, Tailwind CSS, REST APIs