

Matteo Da Venezia McCormack

📍 Dublin, Ireland | 🔗 linkedin.com/in/matteo-da-venezia | 💻 github.com/TheVenetianWolf

Computer Science student at Trinity College Dublin specialising in full-stack development and cybersecurity. Experienced in designing secure, scalable web applications through academic and industry projects. Passionate about ethical hacking, AI integration, and digital accessibility, aiming to apply engineering rigour to real-world security challenges.

Technical Skills

Languages: Assembly, C, Java, Python, Bash, JavaScript, SQL, PHP

Web Technologies: HTML, CSS, React, Node.js, Express.js, MongoDB, MySQL

Cloud & DevOps: Docker, AWS, Azure, Git, CI/CD

Specialties: Full-Stack Development, Cybersecurity & Ethical Hacking, Threat Modelling, DevSecOps, Algorithms, Testing

Experience

Engineering Apprentice – Dell Technologies | Dublin, Remote | Jan – Apr 2025

- Collaborated with a cross-functional team on Review Lens, an AI-powered review summarisation tool.
- Built a React/Express.js web app integrated with MongoDB and Docker, hosted on AWS.
- Implemented sentiment analysis using Azure AI and OpenAI models, delivering clear summaries of product reviews.
- Worked on the Threat Modelling of the application.
- Final project presented at Dell HQ after a 12-week SSDLC.

Founder – Wild Hunt Project (WHP) | Nov 2024 – Present

- Established a global community initiative focused on problem-solving challenges in the modern day world.
- Designed and launched gamified challenges to engage problem-hunters worldwide.

Freelance Security Researcher | Dublin | 2025 – Present

- Studying and researching security vulnerabilities for bug bounty programs.
- Independently studying security.

- Active participant of security CTFs and various educational hacking platforms (HackTheBox, TryHackMe, etc).

- Helping my fellow college coursemates with any security related question.

IT Help Desk Support – ATC Language Schools | Dublin | Jul – Sep 2022

- Supported 200+ staff and students in a summer school centre.
- Resolved IT issues, ensuring smooth daily operations for academic and administrative systems.

Projects

- **Review Lens (Dell + TCD):** AI-driven product review summariser using React, Express.js, MongoDB, and Azure AI. Deployed via Docker on AWS.
- **Huawei Tech Arena Hackaton:** Competed in team in a AI hackaton where we had to build our own AI model balancing efficiency, time, and costs to improve the education sector with an AI-powered smart tutor to help students. Our team achieved third place during this hackaton.
- **OLY App:** Cultural discovery platform for expats built with React Native and secure full-stack architecture (In-Development).
- **NASA AstroPi:** Python experiments run aboard the ISS as part of ESA programme.
- **Advent of Cyber 2025:** Competed in the annual Christmas security competition organised by TryHackMe solving all 24 security challenges.

Education

Trinity College Dublin – BSc Computer Science (Expected 2028)

Enrico Fermi Venezia – Diploma in Computer Systems, Networking & Telecoms (Qualified 2022)