

Michal Szczepan

Co-Founder & CTO | Engineering Student | Entrepreneur *Passage West, Cork, Ireland*

Email: mchalszczepan@gmail.com | LinkedIn: [linkedin.com/in/michal-szczepan-728189370](https://www.linkedin.com/in/michal-szczepan-728189370)

Portfolio: michal-szczepan.neocities.org

Professional Summary

Ambitious Engineering student and ed-tech founder with a track record of turning problems into ventures. Achieved 613/625 points in the Leaving Certificate and currently holds a 1:1 average grade at UCC. As Co-Founder & CTO of Ganzy, I lead a team of senior developers building an adaptive learning platform for the Irish market. Previously founded a profitable custom PC business (Oct 2019 – Feb 2023) generating €8,000+ in revenue while navigating global supply chain crises. I combine technical literacy (Python) with strong product management skills, bridging the gap between engineering and business strategy.

Entrepreneurial Experience

Ganzy | *Co-Founder & CTO*

Cork, Ireland | Sep 2025 – Present A high-growth EdTech startup transforming Leaving Cert preparation through adaptive scheduling and microskill breakdowns.

- **Technical Leadership:** Leading developer teams using **Agile Methodology**. Directing the technical vision and product lifecycle from specs to QC.
- **Development:** Architecting functional requirements, wireframing, and producing system specifications. Implementing Python backend, React frontend, and AWS infrastructure.
- **Strategy & Marketing:** Recording marketing material (50k+ views on TikTok) and producing technical documentation.
- **Product:** Building a Decision Support System for Leaving Cert students in the form of a Web-app.
- **Commitment:** dedicating 45-50 hours/week alongside full-time university studies.

GiveAGo Buildathon | *Participant & Developer*

Cork, Ireland | Jan 17, 2026

- **AI Implementation:** Developed a Python-based automated messaging application during a rapid prototyping workshop.
- **Tech Stack:** Utilized **Browser-use** (AI agent tool), external APIs, and Python to create a system that schedules and sends randomized, context-aware messages to friends and family.
- **Outcome:** Successfully demonstrated a functional prototype integrating agentic AI workflow automation.

Custom PC Venture | *Owner and CEO*

Cork, Ireland | Oct 2019 – Aug 2023 Bootstrap hardware sales and repair business launched at age 14.

- **Revenue Generation:** Generated **€8,000+ in revenue** by sourcing, assembling, and selling custom gaming PCs.
 - **Operations:** Managed day-to-day business matters, marketing PC listings, acquiring parts, and handling customer service.
 - **Technical:** Built desktop computers, performed IT troubleshooting, benchmarking, and repairs.
 - **Resilience:** Rebuilt operations after a significant fraud setback and market crash, learning critical lessons in financial security, negotiation, and fraud awareness.
-

Leadership & Community

Hult Prize at UCC | *Campus Director*

University College Cork | Oct 2025 – Present

- **Leadership:** Managing a group of volunteers and allocating resources to run a "mini-accelerator" for social entrepreneurship.
- **Operations:** Organising events, pitch workshops, and securing mentors/judges.
- **Marketing:** Handling marketing and advertising to recruit student teams.
- **Impact:** Fostering an ecosystem where students solve UN Sustainable Development Goals through for-profit business models.

European Youth Parliament (EYP) | *Delegate*

Ireland | Jan 2024 – Apr 2024

- **National Session:** Spent 2 days in Dáil Éireann defending group legislation on Cyber Security and debating other committees.
- **Munster Regional Session:** Worked on legislation related to Pegasus Spyware; defended and debated proposals.
- **Skills:** Public Speaking, Conflict Resolution, Policy Drafting.

St. Francis College Rochestown | *Student Council President*

Cork, Ireland | Aug 2023 – Feb 2024

- **Leadership:** Organised Student Council meetings and met with the School Management Board.
- **Impact:** Listened to students, proposed improvements, and gave feedback to the board. Ideated and expanded new systems in the school.
- **Prior Role:** Student Union Member (Aug 2019 – Aug 2023) – Lobbied for new rules, organised school events, and advised on drafting school rules.

EduCat / ScreenPaws | *Project Lead*

TECS Competition (Nov 2023 - Mar 2024)

- Developed a mobile app concept to turn unproductive screen time into educational micro-learning.
- **Prototyping:** Built an initial Android prototype in 28 days without prior Kotlin experience.
- **Validation:** Validated the "unlock device via education" mechanism as a viable tool for parent-child digital wellbeing.

Education

University College Cork (UCC) | *BE in Electrical & Electronic Engineering*

Sept 2025 – Oct 2029

- **Average Grade:** First-Class Honours (1:1)
- **Activities:** 1st Year Engineering Academic Representative, Rocketry Society, Mountaineering Society, WARPS Society.
- **Key Modules:**
 - **UW0007 Developing an Entrepreneurial Mindset:** Intensive experiential learning (Creative Problem Solving, Effectuation). Validated "ScreenPaws" through customer discovery and pitching.
 - **UW0013 Essentials of Artificial Intelligence:** Studied ethical AI, sustainability, and agentic AI tools.
 - **Engineering Core:** Engineering Mathematics, Senior Programming.

Douglas Community School | *Leaving Certificate*

Cork, Ireland | May 2024 – Jun 2025

- **Grade:** 613 / 625 points (Top 2% nationally, 3.92 GPA).

- **Activities:** Dungeons and Dragons Club.

St. Francis College Rochestown | *Leaving Certificate Cycle*
Cork, Ireland | *Sep 2021 – Dec 2023*

- **Activities:** Student Union, Green Schools Committee, Debating Club.
 - **Awards:** Applied Maths Olympiad participant, Chemistry Pfizer Olympiad participant, Philosoph Semi-Finalist.
-

Skills & Technologies

- **Programming:** Python (Core competency, API integration, Automation), HTML/CSS, Web Development.
 - **Tech Stack Management:** Familiar with React, Next.js, FastAPI, AWS, SQL (Leading developer teams).
 - **Product Management:** Agile/Scrum Methodologies, Feature Prioritization (MoSCoW), Wireframing, System Specifications.
 - **Soft Skills:** Public Speaking (Debating), Sales & Negotiation, Leadership, Resilience, Conflict Resolution, Public Relations.
 - **Languages:** English (Native), Polish (Native), French (H2 Proficiency).
-

Interests

- **Rock Climbing:** A lesson in gravity and persistence.
- **Memory Techniques:** Researching and applying mnemonic strategies for rapid learning.
- **Reading:** Avid reader of sci-fi (Wheel of Time) and entrepreneurship literature.