

# Michał Szczepan

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

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Portfolio: [michal-szczepan.neocities.org](http://michal-szczepan.neocities.org)

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## 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.

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## 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.
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## 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.

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## 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.
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## 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).
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## 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.