

JULIAN LEWANDOWSKI

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I'm Julian, a 19 y/o student & builder from Ireland most passionate about aviation, startups, and software, in 1st year of MSISS (Computer Science + Management Science) at Trinity College Dublin.

CAREER PROFILE / ACHIEVEMENTS

- **Overall Winner of HackEurope 2026**, Europe's largest hackathon in history, won **€25k** in prizes.
- **#1 highest result in Ireland** in Irish Leaving Certificate Examinations 2025 (IB equivalent) out of 65,500 candidates, achieved **9x H1's** (top grade, 90%+).
- Awarded **Naughton Scholarship** worth **€25k**, 1 of 35 scholars nationwide.
- Placed **2nd** at **UCC National SDG Hackathon Finals 2026**, awarded **€4k**.
- Placed **1st** at **TCD Portal SDG Hackathon 2026**, awarded **€1k**.
- Placed **2nd** at **Open Impact Ideathon 2026**, awarded **€1k**.
- Awarded **TCD Sustainability Leadership Award 2026**.
- Placed **2nd** at **TES Incubator Phase 2 Demo Day**, awarded **€750**.
- Placed **3rd** at **TES Incubator Phase 1 Demo Day**, awarded **€400**.
- Placed **1st** at **ZEEUS Social Impact Hackathon 2025**, awarded **€1k**.
- **Represented Patch** on the **Patch SF Fellowship 2025**, backed by OpenAI, Stripe, Nebular VC.
- **ElevenLabs** startup grant recipient valued at **€12k** to build getarivo.com.
- Ranked within **top 10 teams** at **YCombinator x Emergent Hackathon** for building a voice agent for driving, youngest team to place.
- Awarded **Trinity Entrance Exhibition Award 2025**
- Placed **3rd** at **NDRC Startup Sprint DPL 2025** for building **Seemless**, a wishlist aggregator and ad skipper.
- **Academic Roll of Honour 2025** in Sutton Park School.
- Awarded the **Catherine Tattersal STEM Award 2025** in Sutton Park School, school's premier STEM award.
- Awarded **€2k Stripe Track Prize** at **HackIreland 2025** for building **Subhub**, a recurring expenses tracker and splitting tool.
- **6x recipient** of the **Outstanding Academic Achievement Award** in Sutton Park School.
- **2x recipient** of the **Outstanding Achievement in STEM** in Sutton Park School.
- **Interned** with **Talio AI** (Founders Programme 2024) as frontend developer and BDR
- **Patch 2023 cohort** - selected for Ireland's most competitive youth entrepreneurship program - and built an AI art creation platform linked to print on demand and an NFT-like marketplace.
- **Finalist** at the **TECS 2025** competition hosted at University of Limerick for developing makerterminal.com.
- Awarded **Mathematics Scholarship for Sutton Park School**, valued at **€24k**.
- **BT Business Bootcamp 2023 Overall Best Group Award Winner** for Nutrisoil, a novel fertiliser alternative. **1 of 6 projects** out of **2000+ applicants** selected for BT Business Bootcamp 2023.
- Recipient of 2 Awards at **NASA Space Apps 2023** for quantising a geospatial data analysis model.
- Placed **4th nationally** at the **TECS 2023** competition.
- Placed **1st place in category** at **BTYSTE 2023**, and recipient of **Science Foundation Ireland Special Award**.
- Speaking/learning 5 languages: English (fluent) & Polish (fluent), German, Irish, Mandarin Chinese

EDUCATION

Trinity College Dublin - Management Science & Information Systems Studies (2025-2029), Bachelor's

- Covers Computer Science, Software Applications, Statistics, Management Science, Economics
- Societies: Trinity Entrepreneurs Society (Incubator Phase 1&2 cohorts), Launchbox (Phase 1 cohort), Computer Science Society, Table Tennis Society, Management Science Society (Lisbon retreat cohort)
- Trinity Entrance Exhibition Awardee 2025 & Trinity Sustainable Leadership Award 2026 Recipient

Sutton Park School Dublin (2019-2025) - Attended on **Mathematics Scholarship**

- Achieved **#1 highest result nationwide** in Irish Leaving Certificate Examinations 2025 (IB equivalent)
- Treasurer of the Student Council, 2023-2025
- Founded & led Computer Aided Design Society/Club for 3 years.
- Model United Nations Award winner

Dublin City University - Engineering, Early University Entrance (2022-2023)

- Selected for prestigious early university entrance programme at DCU for 16 y/o students
- Graduated with 1.1 First Class Honours, 94% average

EXPERIENCE

Work: Campus Leader @ Lovable (Jan 2026 - present, part-time)

- Working with Europe's fastest growing startup on event organisation and talent recruitment

Work: Program Associate & Grants Manager @ Patch (Nov 2025 - present, part-time)

- Leading the Patch Grants programme. Designed new programme strategy, secured €10k in additional funding, and doubled number of applications received.
- Helped run recruitment for the Patch 2026 cohort - event organisation, application reviews, interviews.

Project: Zerostrike - Overall Winner of HackEurope 2026, Europe's largest hackathon ever - link

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- Built a wildfire prevention system combining an XGBoost prediction model, real-time geospatial severity engine, and Claude-powered agentic dispatch loop controlling a DJI cloud-seeding drone fleet via hardware-level SDK interception and ESP32 servo payload release.
- Awarded €15k grand prize across all of Europe & won €10k Claude challenge across 1,500 contestants.

Project: Arivo - ElevenLabs Startup Grant Recipient - [link](#)

- Built a voice productivity agent suite with direct phone number integration, full office suite functionality, and a deep context engine. Implemented a continuous learning model and personal CRM.
- Built Arivo via TES Incubator Phases 1&2
- Currently in closed beta while pending Google CASA Tier 2 Verification

Project: Rethrift - 1st Place TCD Portal Hackathon & 2nd Place UCC SDG Innovate Hackathon Finals - [link](#)

- AI-powered sustainable fashion platform that uses vision models and vector embeddings to match fast-fashion shoppers with charity shop alternatives and calculate carbon cost to produce items in real-time. Consists of a browser extension, mobile app, and website.

Co-host & Organiser at Demos Anonymous (Sep 2025 - present) - [link](#)

- Co-organising a volunteer-led technical meetup in Dublin for founders and engineers, featuring short demos of side projects and experiments; hosted at Dogpatch Labs

Project: Tyretrack - built at **Launchbox Phase 1 & Open Impact Ideathon** (Sep 2025 - Mar 2026) - [link](#)

- Built a geospatial analytics + data-visualisation platform mapping tyre-wear microplastic exposure hotspots using Mapbox/Leaflet + GeoJSON. Implemented risk scoring & hotspot detection (traffic intensity + proximity buffers around schools/playgrounds) with interactive layers and tooltips.
- Selected for Launchbox Phase 2, Placed 2nd at Open Impact Ideathon, Award TCD Sustainable Leadership Award

Project: Flyin.to - **NDRC Pre-Accelerator F25** cohort - [link](#)

- Build a semantic flight search engine for flexible flight searching via the NDRC Pre-accelerator. Implemented a full-stack platform with web scraping functionality, optimal date calculation, and AI analytics.

Work: Data Specialist @ Dogpatch Labs (Sep 2025 - Oct 2025, contract)

- Contract work with the NDRC team in Dogpatch Labs on data synthesis & analytics, building the Investor Demo Day Lookbook, and upgrading NDRC alumni database automations

Work: Event Co-ordinator @ Dogpatch Labs (Sep 2024 - Aug 2025, part-time)

- Worked adhoc as event assistant & co-ordinator at various Dogpatch Labs, NDRC, Founders & more events & demo days. Worked in high-pressure environments and co-ordinated teams of 20+ event set-up staff to deliver high quality events.

Project: Seemless - Hackathon project, 3rd Place @ **NDRC Startup Sprint DPL** (Sep 2025) - [link](#)

- Implemented a platform with a wishlist aggregator that lets users save products, skip ads, and integrated AI-powered analytics, helping users make informed purchasing decisions.

Project: External Microphone Design - Designed & modelled 2 external microphone models - [link](#)

Work: Volunteer @ Patch - Talent Recruitment & Events for 2024 & 2025 cohorts

Project: Subhub - Hackathon project: **Stripe Track Prize @ HackIreland 2025**

- Built a subscription tracker & splitting tool that allows users to track & split recurring expenses, integrated directly with Stripe's API so subscriptions can be split in under 30 seconds.

Project: MakerTerminal (Sep 2024 - Feb 2025)

- Founder opportunity platform aggregating 200,000+ datapoints across investors, accelerators, grants, and competitions into a React/Supabase/Flask stack with advanced search, filtering, and a matchmaking engine connecting young founders to relevant opportunities.

Work: Intern @ Talio AI (Founders Program 2024) - **Frontend Developer & BDR** (Jul 2024 - Sep 2024)

- Worked on frontend redesign, lead management, marketing & sales pipelines while building an AI product that helps market research agencies streamline their qualitative research workflows.

Project: GeoQuantVit - Hackathon Project: 2x Awards at **NASA Space Apps 2023** - [link](#)

- Built an AI-powered geospatial analytics platform by quantising, expanding & improving NASA & IBM's foundation geospatial data model to increase efficiency & accuracy in detecting flooding.

Patch 2023 Cohort & Project: Enfy - made 1st sale within 48hrs - [link](#)

- Built a full-stack AI art generation platform with a fine-tuned GPT prompt engineering model, connected to print-on-demand, and an NFT-like marketplace for AI Art.

Project: Retractable motor-free floodwall - 2x Awards @ **BTYSTE 2023**, 4th Nationally @ **TECS 2023** - [link](#)

- Designed & manufactured a fully-functioning retractable coastal floodwall based on a case study in Clontarf, Dublin. 3 major design iterations, the latest of which we presented to Irish government ministers, incl. Patrick O'Donovan (Minister of OPW at the time)

Work: TY Intern @ Heneghan Peng Architects (Feb 2023 - Mar 2023)

- Spent 3 weeks working on a full demo client project from idea, to structural analysis, to modelling in Rhino 3D & Revit, rendering, and physical model manufacturing. Worked with founder Shiu Peng.

Work Experience at Arup Engineering (Mar 2023) - worked on demo festival stage design project

Work Experience at Roadtrack AG, Frankfurt (Apr 2023) - assistant to the CEO

Founder & leader of Computer Aided Design Club/Society @ **SPS** (Sep 2021 - May 2024)

- Started a CAD Club / Society in school, which I ran twice weekly for 3 years, helping students improve CAD skills through demos and mentoring.

SolidWorks Portfolio - designed & modelled various products / objects - [link](#)