# Ralph Jude Cruz

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## EDUCATION

**Technological University Dublin** — Grangegorman, Dublin
*BSc Computer Science International (2:1)* — Sep 2022 - May 2026

**Hanyang University** — Ansan, South Korea
*Computer Science, Study Abroad* — Aug 2024 - Jun 2025

## EXPERIENCE

**Contractor, Web Design & AI Content** — Remote
*SuperCalmSensory* — Jan 2026 - Present

- Partnered with the business owner and a graphic designer to turn their brand vision into a working website.
- Owned an end-to-end AI video pipeline (Midjourney, Veo 3.1, OpenArt), reviewing and refining outputs rather than accepting first passes, cutting asset lead times by 75% with 100% visual consistency.
- Fixed a recurring bottleneck with a modular asset library and image-to-video interpolation, saving 15+ hours per project and cutting turnaround by over 50%.

**Academic Tutor** — Dublin, Ireland
*Technological University Dublin* — Sep 2023 - Oct 2025

- Explained technical concepts to 3-7 students weekly, adapting to different learning styles; 85% of regular students reported improved grades or assignment progress.

**Chairperson** — Dublin, Ireland
*Korean Society, Technological University Dublin* — Sep 2023 - Jun 2024

- Led budgeting, logistics and stakeholder coordination for a 13-member, culturally diverse committee, running events for 200+ students.

## PROJECTS

**GPA Data Visualisation Project, Data Analysis & Insight**
*R, Quarto, ggplot2, tidyverse, Plotly, Power BI (coursework)*

- Analysed a multi-source dataset in R and Plotly, turning raw data into clear, decision-ready insights and dashboard-style reports.

**MySlime, Full-Stack Web Application**
*React, Node.js, PostgreSQL, REST APIs, Git*

- Built and shipped a full-stack application end-to-end on my own, learning new technologies quickly and using AI-assisted tools to speed up delivery.

**Blight, Team Game Development Project**
*Unity, C#, Git*

- Picked up an unfamiliar engine and language in a 4-person team, delivering a playable game to a fixed deadline; graded 90%+.

## SKILLS

**Business & Analytical:** Data-driven insight & storytelling (R, Plotly, Power BI coursework), stakeholder communication, client-facing collaboration, process improvement, CRM dashboard building.

**AI & Technology:** GenAI pipelines (Midjourney, Veo 3.1, OpenArt), AI-assisted development, AI/LLM APIs (OpenAI, Claude), prompt engineering, critical evaluation of AI outputs.

**Technical:** JavaScript, TypeScript, Python, Java, C#, SQL, REST APIs, Git & GitHub.

**Attributes:** Initiative, ownership, adaptability, cross-cultural collaboration, inclusive leadership.

## AWARDS & ACTIVITIES

- **Hackathon, Bank of America:** Showcased problem-solving and analytical expertise.
- **Distinction Award, Pramerica:** Outstanding group project work.
- **President's Award (Gaisce):** Community service and personal development.
- **Volleyball, TU Dublin & Hanyang University teams:** Competed in college, national, and inter-university tournaments.