ANDRIY KRAVCHENKO

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EDUCATION

Trinity College Dublin **Sep 2026 – May 2031**
M.A.I Magister in Arte Ingeniaria (Master in the Art of Engineering) *Dublin 2, Ireland*

- **Relevant Coursework:** Engineering Mathematics, Chemistry, Engineering Practice, Materials Science

Coláiste Chill Mhantáin **Sep 2020 – Jun 2026**
Irish Leaving Certificate *Wicklow, Ireland*

TECHNICAL SKILLS

Languages: Python, MATLAB, Simulink, C++

Developer Tools & CAD: VS Code, SolidWorks

Operating Systems: Windows, Linux (Mint)

ENGINEERING & WORK EXPERIENCE

Formula Trinity **Oct 2026 – Present**
Mechatronics Engineer *Trinity College Dublin*

- Designing and developing a dual-action autonomous and manual shifter for the vehicle's powertrain system.
- Collaborating within a multidisciplinary engineering team to integrate mechanical and electronic components for upcoming competitions.

McCauley Daye O'Connell Architects **Feb 2024 – Feb 2024**
Architecture Intern *Dublin, Ireland*

- Drafted and pitched a sustainable suburban residential design concept to a panel of senior architects.
- Conducted comprehensive on-site inspections alongside lead architects to monitor construction progress and ensure adherence to specifications.
- Synthesized technical hand-sketches and design processes into professional presentations to effectively communicate key architectural features.

LEADERSHIP & EXTRACURRICULAR

Irish Water Safety **2024 – 2026**
National Squad Lifesaving Athlete *Ireland*

- Competed as a member of the Irish National Squad, representing the country internationally at two European Championships.
- Secured multiple international medals, demonstrating rigorous discipline, teamwork, and peak performance under pressure.

Coláiste Chill Mhantáin **2025 – 2026**
Prefect *Wicklow, Ireland*

- Mentored junior students and organized academic and social events to foster a supportive learning environment.
- Delivered public speeches at school-wide assemblies and represented the institution at official community events.