Daniel Kennedy

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Education

Immersive Software Engineering, University of Limerick. (Expected BSc 2025 & MSc 2026). Sept 2022 - Present

Glenstal Abbey School, Murroe, Co. Limerick. Sept 2016 – June 2022

Delbarton School (Exchange Programme), Morristown, New Jersey, USA. December 2019

Experience

Foynes Engineering, c/o Wyeth (Nestlé) July - Sept 2022

Prepared facilities for safety & parent Co. audits

Supported maintenance during factory shutdown

Assisted maintenance of factory utilities, capital improvements to existing infrastructure

Charleville Golf Club June - July 2021

Operated specialist equipment to maintain course

Assisted with improvements to course aesthetics

Family dairy farm 2012 – Present

Operations management to facilitate owner holidays

Training & delegation to exchange student workers

Animal care incl. calving assistance

Animal nutrition: milk, concentrate and TMR feeding

Grazing infrastructure management

Other Relevant Experience

TY Work Experience (Oct 2019 – Feb 2020):

Web Summit, Analog Devices, Dairymaster, Davy Group, Liscarroll Engineering, Nimbus (CIT), Foynes Engineering

Previous Work Experience: Castletown Country Festival, Charleville Agricultural Show, Gsenger Farm (Austria)

Technical Skills

Proficient: Java, Python, C++ (Arduino)

Familiar: PHP, MySQL, HTML, CSS

Achievements

7 H1s, 2 H2s (625 points), Leaving Certificate 2022

Student of the Year, Senior Business & German 2022

Student of the Year, Fifth year, Glenstal Abbey 2021

Runner up, Engineers Ireland STEPS EYF 2020

Student of the Year, Junior Business, 2019

Bronze Medal, IAMTA Junior Team Quiz 2019

All Ireland Champion, HTAI Junior Team Quiz 2019

Noteworthy Projects

Examsearch.ie (2021 - Ongoing)

Examsearch is a way for students and teachers alike to obtain past JC, LC and LCA papers from an intuitive web interface

Tech Stack: Python (Selenium web scraping, Sitemap generation for SEO, etc.), PHP (Laravel web app), MySQL, Bootstrap 4

Web-Controlled Smart Plug/Timer (2022)

(LC Computer Science coursework)

Created a web app for a fictional home automation company, a smart plug using an Arduino microcontroller, and connected the two to allow for remote control of the smart plug via web

Tech Stack: PHP (Laravel web app), Python (communication between web app & Arduino via serial), C++ (Arduino)

Additional Skills & Interests

School Chamber Orchestra – Guitar

School Choir

Glenstal Junior & Senior Cup Rugby teams