

SHANE WHELAN

Lucan, Dublin, Ireland

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Incoming SWE intern @ Twilio — VCU Software Developer @ UCD Formula Student

Professional Experience

Incoming Software Engineer Intern (Offer Accepted) Twilio (Dublin / Remote)	June – August 2025
Powertrain Engineer UCD Formula Student (UCDFS), County Dublin, Ireland	Oct 2024 – present
Sales Associate Homestore + More, Dublin, County Dublin, Ireland	Oct 2023 – May 2025
Computer Science Tutor Self-employed, Lucan, South Dublin, Ireland	Nov 2023 – Jul 2024
Sales Associate JD Sports Fashion, Dublin, County Dublin, Ireland	Jul 2022 – Oct 2022

Education

BSc Computer Science University College Dublin <i>Current GPA: 3.73</i>	Mar 2023 – present
Leaving Certificate Colaiste Phadraig CBS, Lucan <i>Leaving Certificate Points: 625</i>	Nov 2021 – Aug 2023

Skills

Computer Networking, SQL, C++, Arduino, Object-Oriented Programming (OOP), Java, Research Skills, Communication, Teaching, Teamwork, Applied Mathematics, Functional Programming, C, Python

Projects

SmartCert – AI Study Platform	March 2025 – Present
<ul style="list-style-type: none">Built full-stack web app for Leaving Certificate revision (HTML/CSS/JavaScript, Firebase).	
HexOust Board-Game Engine <i>GitHub repo</i>	Jan – Apr 2024
<ul style="list-style-type: none">Led 3-person agile team; designed MVC architecture in JavaFX (~3 000 LoC).	

Honours

Entrance Scholar Award

University College Dublin

UCD recognises the calibre of its incoming high-achieving students with the award of UCD Entrance Scholar. The award is given to the Leaving Certificate entrant with the highest points score from each school in the Republic of Ireland, provided the score is at least 500 points.