

# Hubert Krzemieniewski

## Education

### University College Dublin

BSc Computer Science with Data Science and AI

Expected Graduation: May 2027

Dublin, Ireland

Relevant Coursework: Algorithms, Data Structures, OOP, Operating Systems, Intro to AI

Grade: **2:1 Honours**

## Technical Skills

**Languages:** Python, Java, TypeScript, SQL, Bash, HTML, CSS, SwiftUI, React, C++.

**Tools and technologies:** Git, Google Firebase, MySQL, Next.js, Tailwind, Cisco Packet Tracer, Figma, JUnit.

**Practices:** Unit testing, Object Oriented Programming, Agile, Project-Management, Scrum.

## Projects

### Fantasy Premier League Notification System | App

SwiftUI | Firebase | Python

- Developed an IOS app integrating **Python** scripts and **Firebase**, pushing real-time FPL updates.
- Implemented **API** based backend logic to detect changes in game database and push relevant notifications.

### Hex Oust | Game

Java | JavaFX | JUnit

- Led **3-person agile** team to create a Hex Oust game in accordance with project requirements.
- Designed MVC architecture in **JavaFX**.
- Implemented full suite of **JUnit tests** covering all aspects of the project.

### Personal Portfolio | Website

React | Next.js | Tailwind

Developed a professional portfolio site to display my personal projects, experiences, and skills.

### Snakes & Ladders | Simulator

Python

- Created a **Python** program which simulated and visualised outcomes of variable Snakes and Ladders games.

## Experience

### Technical Assistant

July 2025 – September 2025

Gromtec Europe

- Enhanced WordPress site functionality by resolving security issues, **optimising for SEO**, and configuring **Google Analytics** for traffic monitoring.
- Automated price updates for 32 products on WooCommerce site using an Excel import system, reducing update time from **over an hour to under 6 minutes**.
- Assessed feasibility of working with external SEO company, conducting market research on alternate options.

### Full-Stack Web Developer

June 2025 – Present

Self-Employed

Working with clients to design and develop modern, responsive websites using the **Next.js** framework.

- Coding reactive site features with TypeScript, improving UX and site functionality.

### Polish Interpreter

June 2025 – Present

Polish interpreter within the Irish judicial system, facilitating high stakes communication between defendants and legal professionals, including judges, barristers, and prosecutors.

### Spa Coordinator & Receptionist

March 2025 - Present

Rainforest Spa

- Responsible for managing bookings, handling phone and email queries and looking after customers in a customer-facing role.
- Using Phorest scheduling software and POS systems during daily operations.
- Coordinating with staff and keeping track of client needs to keep the spa running smoothly.

### Summer Intern

May 2024 – September 2024

Ronan Group Real Estate

Dublin

Completed a summer internship at RGRE as part of both the Finance and Development teams.

- Developed a PowerShell script to rename files by reformatting dates in filenames, reducing a **5-minute** manual task to **~10 seconds per folder**.
- Facilitated the transfer of company database to cloud servers, reducing company expenses by **€2500+** per year.
- Collaborated with another intern to research the implications of AI in the business, presented findings to senior management, and helped drive **companywide adoption of LLMs** for basic task support.