

Ryan Noble
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[LinkedIn](#) | [GitHub Portfolio](#)

Profile

Results-driven software developer with a First-Class Honours BSc in Computing from Technological University Dublin (2020). Proven ability to deliver high-quality solutions through academic and professional projects. Strong problem-solving skills, attention to detail, and a proactive approach. Seeking a software development role to contribute technical expertise to innovative projects.

Work Experience

Software Developer

4Property (Internship and Full-Time) | October 2021 – March 2023

- Developed and maintained web scrapers for automated property listing retrieval, improving data accuracy and efficiency.
- Enhanced software functionality and optimised data access for a better user experience.

Website Developer (Voluntary)

Powered by Performance | October 2020 – April 2021

- Designed and developed a custom front-end using HTML, CSS, and JavaScript.
- Built back-end functionality with Python (Flask) and SQLAlchemy for database management.

Education

- **Bachelor of Science (Honours) in Computing**, Technological University Dublin | 2016 – 2020, First-Class Honours (1.1)
- Key Modules: Computational Intelligence, Text Analysis, Web Services, Computer Vision, Applied Human Language Technology, Data Analysis.

Key Skills

Problem Solving

- Integrated third-party SDKs into Android apps during thesis work.
- Analysed diverse data sources at 4Property, applying structured methods to solve complex challenges.

Communication

- Strong verbal and written communication through reports, essays, and presentations.
- Regular team communication at 4Property to ensure project clarity and alignment.

Attention to Detail

- Consistently delivered high-quality work leading to First-Class Honours.
- Maintained data accuracy and troubleshooting standards at 4Property.

Technical Skills

- **Languages:** Java (4+ years), Python (2+ years)
- **Web Development:** Flask, Django, RESTful API development
- **Database Management:** MySQL, SQLite
- **Data Analysis:** Pandas, NumPy, web scraping
- **Automation:** Selenium, BeautifulSoup
- **Testing:** Unit testing, pytest
- **Version Control:** Git, GitHub

Projects

Final Year Project – "2 in 1" Social Media Android Application

- Developed an Android app integrating Facebook and Twitter in a single platform.
- Technologies: Android Studio, Java, Retrofit, Facebook SDK, Twitter Development Kit.

Flask Web Application

- Created a product showcase app to enhance Flask development skills.
- Technologies: Python, HTML, CSS.

Group Thesis – Traffic Simulation Project

- Collaborated on developing an alternative pathfinding algorithm.
- Focused on the user interface, using C# and Unity.

References

Available on request.