

Darren Lonergan

Profile of Skills:

Enthusiastic & motivated graduate recently completed the Higher Diploma in Software Development at Limerick Institute of Technology with knowledge of Java, SQL, MySQL, PHP, HTML, CSS, JavaScript. A strong team player with experience of leading teams gained in the Surveying industry.

Education:

2020 – 2021

Higher Diploma in Software Development at Limerick Institute of Technology: Distinction 80%

As part of this course, I have learnt how to program in several languages, namely Java, HTML, JavaScript, SQL and PHP, while learning the fundamentals of programming.

Semester 1:

- ❖ Computer Systems, Operating Systems and Networks: 78%
- ❖ Database Architecture, Design and Programming: 76%
- ❖ Introduction to Programming: 90%
- ❖ Systems Modelling: 78%
- ❖ Web Development: 84%

Semester 2:

- ❖ Application Development: 87%
- ❖ Data Driven Applications Design and Implementation: 89%
- ❖ Algorithms and Data Structures: 82%
- ❖ Software Engineering: 78%
- ❖ Software Development Project: 73%
- ❖ Enterprise Application Development: 66%

2012 – 2016

Bachelor of Engineering in Aeronautical Engineering at the University of Limerick. 2:2

As part of this course, I gained experience in a wide range of different subjects. These included engineering mechanics, mathematics, fluid dynamics. These subjects helped to hone my analytical and critical thinking skills.

Fourth Year:

- ❖ Enterprise Development B2
- ❖ Final Year Project C1
- ❖ Aircraft Structures B3
- ❖ Stability and Control of Aircraft B3
- ❖ Aircraft Conceptual Design C2
- ❖ Propulsion Systems A1
- ❖ Aircraft Design C2

Third Year:

- ❖ Engineering Mathematics 5 C3
- ❖ Aircraft Vibrations C2
- ❖ Mechanics of Solids 2 C3
- ❖ Finite Element Analysis B2
- ❖ Flight Mechanics D1

- ❖ Engineering Mechanics of Plastics and Composites B1

Second Year:

- ❖ Engineering Mathematics 3 D1
- ❖ Computer Aided Design A1
- ❖ Mechanics of Solids 1 D1
- ❖ Aerodynamics 1 C3
- ❖ Thermodynamics 1 B1
- ❖ Avionics B3
- ❖ Engineering Mathematics 4 C1
- ❖ Aircraft Mechanisms D2
- ❖ Aircraft Maintenance A1
- ❖ Air Transportation B3
- ❖ Materials 1 B1

First Year:

- ❖ Chemistry for Engineers C2
- ❖ Electrical Engineering 1 C2
- ❖ Engineering Mathematics 1 D1
- ❖ Introduction to Engineering 1 B3
- ❖ Engineering Mechanics 1 D2
- ❖ Computing B1
- ❖ Engineering Mathematics 2 D1
- ❖ Introduction to Engineering 2 B1
- ❖ Engineering Mechanics 2 C3

2012

Leaving Certificate St Fintan's C.B.S Doon, Co Limerick

Employment History:

April 2019-Sept 2020: Lead Utility Surveyor: Precision Utility Mapping

- ❖ Led a team of surveyors in the location of underground services.
- ❖ Was responsible for training new employees.
- ❖ Excelled in an autonomous working environment.
- ❖ Responsible for meeting with clients onsite.

Profile of Skills:

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| ❖ Experience with Java | ❖ Have experience leading teams. |
| ❖ Experience in web development | ❖ Good critical thinking skills. |
| ❖ Experience in SQL and database design. | ❖ Can work well on own initiative. |
| ❖ Works well to schedule. | ❖ Good interpersonal skills. |
| | ❖ Can adapt to unexpected problems. |

Referees:

References can be provided upon request.