Michael Leonard
Trienbawn, Belclare, Tuam, Co. Galway
Tel: (087) 6495292/ (093) 55983
E-mail: mikeleonard88@gmail.com

Career Aim:

A NUI Galway graduate with strong problem solving, numerate, I.T, communication and teamwork skills, seeking to start a career in civil engineering.

Education:

2005 – 2009: **Bachelor of Civil Engineering,** National University of Ireland, Galway. Graduated in October 2009 with a First Class Honours degree.

Thesis: "State-of-the-art once off housing."
The aim of the project was to provide a guide for first time house builders to enable them to construct their home. It contained an investigation into various alternative modern construction techniques.

Main Subjects: Design of Structures (Concrete & Steel), Project Management, Structural Analysis, Hydrology, Costal Engineering and Geotechnical Engineering, Maths, Bituminous Materials, Wastewater treatment, AutoCAD, Principles of Building and Environmental Engineering.

Results: 1st Year: (H2.1) 2nd Year: (H2.1) 3rd Year: (H2.1) 4th Year: **(H1.1)**

2000- 2005 Leaving Certificate, St. Jarlaths College, Tuam, Co. Galway. **(480 points)**

Results: Irish (B3), English (A2), Maths (C3), Geography (C2), Business Studies (A2), Physics (B3), French (B2), L.C.V.P (GD). (All higher level)

Work Experience:

October 2009 – November 2009,
Assistant Site Engineer: (Voluntary work experience) JJ Rhatigan & Co., Bon Secours Hospital, Co. Galway

- Worked on the site set-up and the organisation of the site facilities
- Got experience examining drawings to obtain the information for setting out
- Assisted head engineer in the drainage works by setting out manholes and levelling pipes
- Set out and supervised the piling taking place on site

April 2008 – September 2008,
Assistant Site Engineer (College placement): JJ Rhatigan & Co., Claremorris Swimming Pool, Claremorris, Co. Mayo

- Worked as part of a management team consisting of two engineers and a foreman
- Responsible for levelling, concrete cube testing, site safety inductions and site purchasing
- Assisted head engineer with all the setting out on site
- Was responsible for the drawing of drainage asbuilts on site
- Helped prepare progress reports for site meetings and liaised with consultants on a regular basis

May 2007 – September 2007,
Assistant Site Engineer: JJ Rhatigan & Co., Moycullen, Co. Galway

- Development was a shopping centre in middle of town involving of two storey under-ground car-park, retail units, housing apartments and offices

- Worked as a chain man helping the team of engineers and foremen
- Filled in work sheets for direct employees and kept records of sub-contractors work
- Gained experience at setting out, levelling and monitoring work progress.

Skills Profile:

I.T Skills:

- Experienced in using Microsoft Word, Excel, PowerPoint, Project and also AutoCAD and CADS.
- Have been using all of the above programmes in various college assignments and projects

Problem Solving:

- My problem solving skills greatly improved over my time spent in college and on my work placement
- Development in an academic sense in various college subjects especially in design of steel and concrete structures where design calculations and drawings of buildings were produced
- Developed in a practical sense on my summers of work experience by trying to overcome common problems experienced on site

Teamwork:

- All projects and assignments undertaken in college were as part of a team of at least three people and sometimes up to six
- Gained experience of working with people to achieve a common goal and the difficulties that can sometimes accompany that
- Also, playing team sports for many years gives great experience of inter-dependence between people

Communications:

- Made numerous presentations to classmates and lecturers in college.
- Presented a thesis, completed with a colleague, to the class and also made a presentation about my work experience to lecturers.
- Completed numerous written reports for college assignments.

Professional Membership:

- Ordinary Member of Engineers Ireland

Interests & Achievements:

- Sports fanatic: Play both hurling and football for my local clubs and enjoy watching matches and sport programmes of all different types.
- Going to the gym and keeping fit
- Enjoy working on my father's farm
- Won a county football U-21 title with Corofin in 2007 and was a member of the Sylane Hurling team that qualified for the All-Ireland semi final at junior level in 2008
- Captained the Sylane U-21 hurling team to championship title in 2009

Referees:

Mr. Eamonn O'Toole
JJ Rhatigan & Co. Ltd
Fr. Griffen Road
Co. Galway.
(086) 3817690

Mr. Seán Canney,
Claretuam,
Tuam,
Co. Galway.
(086) 2513639

Mr. Emmett Scott,
JJ Rhatigan & Co. Ltd,
Fr. Griffen Road,
Co. Galway.
(087) 9675206