

Graduate Profile, M.Eng. Aeronautical Engineering, University of Limerick, Ireland
BRIAN McMANUS

MR. BRIAN MCMANUS

**R&D Team Leader
Oglaend Industries,
Kuala Lumpur, Malaysia**

www.oglaend-system.com



Education and Training

- M. Eng. (Hons) Aeronautical Eng., University of Limerick, Ireland, 2013
- B.Eng. (Hons) Biomedical Eng., National University of Ireland, Galway 2011

Current Position

Title	Dates	Employer
Composite Design Engineer/ R&D Team Leader	June 10 th 2013 - Present	Oglaend Industries Snd Bhd.

Previous Positions

Title	Dates	Employer
Student R&D Engineer	April 2010- August 2010	Veryan Medical

"Home" Town(s)/County(s)

From: Galway, Ireland
Now in: Kuala Lumpur, Malaysia

Please describe your current job

I am currently working as a design engineer and product manager for Oglaend System, focusing primarily in the development of new fibre reinforced plastics for use in multidiscipline cable support solutions. A typical day involves me keeping in contact with our sales offices around the world, ensuring that they are given all the information and products they need to win orders.

As the Lead Design Engineer in the Malaysian office I am also given the opportunities to travel for work, visiting our Norway, Korea and China offices regularly.

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Please describe your career path since graduating with your M.Eng. Aeronautical Eng.

Oglaend System is my first full time engineering position out of college. Working in Asia has allowed me to progress my career a lot quicker than I would have in a Western setting. I am currently responsible for the engineering team in the Malaysian office and I am moving towards a product manager role in the near future.

What made you choose the M.Eng. Aeronautical Engineering at UL?

After graduating with my bachelor's degree in Biomedical Engineering I found it quite difficult to find a suitable job in engineering, especially as I only had eyes for design roles. Growing up with the Galway Air Show made me love aircraft, so when I saw that I could study Aeronautical Engineering in UL I jumped at the opportunity to improve my job prospects and study something I had always been fascinated with.

Are you glad you did?

Absolutely, I was offered a job in Malaysia half way through my summer exams. After struggling for over a year to even get an interview it was a big change. I have been in Malaysia for 2 years now and have got the opportunity to travel all over Asia while earning a great wage. I won't be leaving until I have seen every country in this part of the world. Engineering really gives you amazing opportunities to work all over the world.

What did you most enjoy about studying at UL - academically, and also non-academically?

The aeronautical engineering labs in UL are world class. That was definitely my favourite part of studying in UL, but it isn't just the academic facilities that are great. The sports facilities were a big draw for me, I really miss playing rugby with the UL team.

What advice would you give prospective students considering choosing the M.Eng. Aeronautical Engineering at UL?

Work hard and make sure you have a good relationship with your thesis supervisor. Your employer will come to them for a reference.

What advice would you give future fresh graduates of the course?

An M.Eng degree will allow you to stand out from the crowd when applying for jobs, but it is also important to pick a Thesis title that will appeal to the employers you want to work for. I decided I wanted to specialise in composite

materials before starting my Master's and I picked a thesis title to help that goal.

Knowing where you want to work and aligning your thesis with that is a very important step in marketing yourself after graduating.