

MARK O'CONNOR

MSc. Student | Analytical Science

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» Career Goals

I am an analytical science student currently studying for a master's degree at King's College London. The master's course offers a depth and understanding in the most-up-to-date analytical practises with a focus on the pharmaceutical industry. I graduated from the School of Chemistry at the National University of Ireland Galway in 2010. I graduated with an honours degree in Chemistry and Applied Chemistry with laboratory experience in bioinorganic synthesis and medicinal chemistry. I have a working knowledge and theoretical understanding of sample preparation, separation techniques (LC, GC, CE), hyphenated techniques (LC-MS, GC-MS) and spectroscopic techniques such as NMR, IR, UV and mass spectrometry. I have strong laboratory skills, computational skills and highly competent with data interpretation. My aim is to further develop my skills and knowledge with the intention of becoming a successful analytical scientist in a research and development role for a global pharmaceutical company.

» University Education

2012

MSc. Analytical Science for Industry



King's College London
Franklin-Wilkins Building
150 Stamford Street
London SE1 9NH

Currently undertaking a master's degree course in analytical science at King's College London. I have gained knowledge and competence of the theoretical and practical aspects of separation science and mass spectrometry in relation to the analytical techniques used in industry. Lab skills and techniques I am proficient in include; chromatography (LC, GC, SFC), electrophoretic techniques (CZE, CEC, MEKC), sample preparation (LLE, SPE, SPME), spectroscopy (NMR, UV, IR), mass spectrometry and hyphenated techniques (LC-MS, GC-MS). I am also a good problem solver, skilled at reporting data and knowledgeable with validation.

2010

BSc. Chemistry and applied Chemistry



NUI Galway
University Road
Galway
Ireland

Completed a Bachelor of Science honours degree at the National University of Ireland, Galway. Gained a broad knowledge and training across all science disciplines throughout the degree course. The subjects studied were Analytical & Industrial Chemistry, Biology, Cheminformatics and Validation, Chemistry, Computers in Chemistry, Human Nutrition, Mathematics, Microbiology, Molecular Modelling, Physics and Statistics. Specialized in Chemistry in the final year.

- » Final Year Research Project: "Synthesis of transition metal based compounds to promote the hydrolysis of phosphodiester linkages in DNA and peptide bonds in proteins" under Dr. Andrea Erxleben.
- » Literature Review Paper: "Carbohydrates in Organocatalysis" under Prof. Paul V. Murphy

» Experience

Dec '05 - Sep '11

Part-time retail Sales Assistant



Anthony Ryan Ltd
Shop Street
Galway
Ireland

Employed as a commission sales assistant in the Menswear Department of a busy family-owned department store. Duties included customer service with focus on sales, developing a regular client base, providing comprehensive product advice to clients, provide a bespoke tailoring service, merchandising, processing of incoming goods, housekeeping, ticketing of sales goods, display management, stockroom management, training and mentoring new staff, balancing of EPOS register at the end of each day and lock-up

Skills gained: communication, team work, sales skills and interpersonal skills

Nov '10 - Jun '11

FRENCH CONNECTION

*French Connection Canada
Toronto Eaton Centre
250 Yonge Street
Toronto Ontario*

Retail Sales & Stock Associate

Employed as a commission based sales assistant at French Connection in Toronto's Eaton Centre where I was a consistent weekly top salesperson. Duties included assisting each customer in making purchases that satisfied their needs and working with the team to achieve sales and other store objectives. Assisting with non-selling duties, such as housekeeping, stock refills, receiving of stock.

Skills gained: communication, team work, targeted sales skills and interpersonal skills

Mar '08 - Mar '11

*MOC Design
www.markoconnor.me*

Freelance Website & Graphic Designer

In March of 2008, I set up my own Website and Graphic Design Website, MOC Design, www.markoconnor.me. For three years I successfully undertook various projects in website and graphic design.

Skills gained: Highly competent in MS Office (Outlook, Word, PowerPoint and Excel), website design (HTML, CSS, PHP, MySQL), graphic design skills, time management and self-motivation

Sept '11 - Present

KCL Students Union

Academic course representative

Currently elected as a course representative for the MSc. Analytical science for Industry class at King's College London. Duties include sitting on a staff/student liaison committee, raising concerns/issues of fellow students, giving feedback to academic staff regarding teaching and other aspects of the course.

Sept '07-Present

*Galway Hockey Club
www.galwayhockeyclub.com*

Website Developer & Club PRO

Designed and developed the club website, designed printed media, letterheads and club logos/crests. Liaised with local press as the Club public relations officer to promote the club. Formally the men's club captain also

<i>Skill/Ability</i>	<i>Description</i>
Laboratory skills	Sample Preparation, LC, GC, CE, LC-MS, NMR, UV, IR & Mass Spectrometry
Computational skills	Strong IT skills across a broad range of applications and quick learning ability
Good Communicator	From previous employment as a salesperson & as course representative at KCL
Teamwork	Worked as part of a sales team & played sports
Time management	A skill gained from freelance work and university deadlines
Design Skills	Graphic and website design (HTML, CSS, PHP, MySQL)
Proven sales ability	6 years' experience with good sales performance