

Michael Dommett

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Education

2015-present	PhD Theoretical Chemistry, Queen Mary University of London <i>Computational Modelling of Photophenomena in Condensed Phase</i>
2009-2014	MSci Chemistry with Industrial Placement, First Class Honours, University of Glasgow
2003-2009	St Thomas of Aquins High School, Edinburgh

Experience

October 2015 Present	PhD Researcher Theoretical Chemistry, Queen Mary University of London, London <ul style="list-style-type: none">> Computational modelling of light-induced chemical reactions> Scientific computing on high performance clusters> Analytical method development using Python> First author publications in peer-reviewed journals> Presented work at international conferences> Mentoring of multiple Masters students, leading and guiding them through their projects
October 2014 March 2015	Securities Associate Fund Services, Royal Bank of Scotland, Edinburgh <ul style="list-style-type: none">> Daily cash monitoring of investment fund activity> Development of MS Excel tools for automated analyses of external reports> Liaising with clients to structure incoming data for ease of analysis> Owner of error analysis and continuous process improvement
June 2012 June 2013	Placement Student Modelling & Simulation, Procter & Gamble, Newcastle Upon Tyne <ul style="list-style-type: none">> Industrial placement as part of MSci Chemistry degree> Method development for fabric care innovation using Design of Experiments> Developed linear & polynomial regression models of detergent performance> Delivered an innovative robotics platform to screen new detergent formulations> Collaboration across business units, achieving <i>exceeds expectations</i> evaluation and recommendation for hire

Skills

- > Scripting & programming in python, bash & perl
- > Experienced in collaborative code management & development with git & github
- > Excellent oral & written communication in technical & lay environments
- > Confident leader of complex projects across disciplines

Hobbies & Interests

- > Keen footballer
- > Learning French in spare time
- > Kaggle competitions
- > Cooking
- > Travelling - spent three months in South America prior to PhD
- > Proficient in Spanish

Awards & Achievements

- > Best poster presentation at Thomas Young Center Student Day conference
- > Highest mark in Physical Chemistry final exam at Glasgow University
- > Gold *Power of You* award for best final presentation, Procter & Gamble

References

Rachel Crespo-Otero, *Principal Investigator*
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