

EVE FRASER

CONTACT

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**Chemistry graduate with proven lab expertise and successful commercial experience,
seeking an environmental consultancy graduate role.**

HIGHER EDUCATION

University of Glasgow, MSci Chemistry, 2:1 expected

2012 to 2017

Final Year Project: Catalytic Stratospheric Ozone Depletion & Global Warming

Evaluated effectiveness of replacing of CFCs with HCFCs (primarily in USA) and HCs (primarily in Europe) in arresting and reversing ozone depletion. Evaluated relative effect on global warming of HCs and HCFCs. Research utilised contacts in Germany, UK and USA. Excellent feedback from Supervisor.

Honours courses included: Environmental Chemistry, Heterogeneous Catalysis.

Subsidiary subjects: Exploring the Cosmos, Earth Science, German. Gained two A's and four B's in these subjects.

Jan - May 2016: Study Exchange: Max Planck Institute for Chemistry, Mainz, Germany

In addition to academic study, completed research project comparing the effects of CFCs and HCFCs on atmospheric ozone depletion. Successfully utilised lasers and photo excitation techniques to define and compare reaction pathways. Showed that HCFCs are less damaging than CFCs, but more so than HCs. Feedback from supervisor (Prof Lelievelt) excellent. All classes taken in German.

University Life

- Member of staff student liaison committee. Successfully negotiated an earlier start date for final year projects to ease time management pressure in final year.
- Member of Isabella Elder Feminist Society. In team of three, organised event "Hidden Women in Science". Solely recruited speakers and used social media to meet attendance target of 50.

ENVIRONMENTAL EXPERIENCE

Scottish Water, Chemistry Summer Internship

Jun to Sep 2016

- Contributed to review of mains water and waste water sampling techniques by researching best practice globally. Effectively reported findings to management at fortnightly meetings by discussion and formal presentations. Feedback positive.
- Accurately used HPLC, Mass Spectroscopy and PCR to analyse for heavy metal contamination, organic pollutants and cryptosporidium. Presented results for 15 minutes at weekly meetings to management. Due to performance, chosen to present at joint symposium of Scottish Water and SEPA.

Secretary and Treasurer of University Conservation Society

Sept 2014 to present

- Organise monthly meetings, invite and host speakers.
- Co-ordinate weekend conservation projects.
- Initiated and organised summer project to regenerate and plant 20 trees along two miles of a Glasgow canal. Recruited and managed team of 10 volunteers. Liaised extensively with potential funding bodies and local authority to ensure viability of project.
- Developed Society Website (www.guconsoc.scot)

PREVIOUS EDUCATION

Grantown Grammar School, Invernesshire

2006 - 2012

2013 Advanced Higher: Chemistry (B); Maths (C) **Higher:** German (B)

2012 Higher: Maths (A); Chemistry (A); English (A); Geography (A); Physics (B)

School Life

- Helped run youth club for 12-16 year olds. Member of leadership team of six, led by full time co-ordinator. Organised and supervised twice weekly activity sessions and summer camp in the Cairngorms. Often used as 'sounding board' by young people.
- Actively participated in orienteering, drama and canoeing clubs.

ADDITIONAL WORK EXPERIENCE

Retail Manager and Assistant, Toy Grotto Toy Shop, Glasgow

Jun 2014 to present

- Promoted to manager in June 2015.
- Give excellent customer service, deal with cash precisely and accurately monitor stock.
- Negotiate with suppliers and advise owner on buying
- Trained one other new staff member.
- Quickly assimilate large amount of product information and successful in selling to demanding customers.
- Devised marketing scheme to promote shop. Designed, produced and printed leaflets and distributed these to parents. Developed web site and used Social Media to promote effectively new developments in model toys to parents. Helped increase sales by 10%.
- Often left in sole charge of shop for up to two weeks in summer.

Bartender, O'Malley's Irish Bar, Glasgow

Mar 2013 to Jun 2014

- Often defused potentially awkward situations involving customers under the influence of alcohol.
- Worked quickly and accurately under pressure.
- Consistently met sales targets.

Sales Assistant: Strathspey Cycles, Coylumbridge

June 2012 to Sept 2012

- Advised tourists on all aspects of bicycle use and safety. Persuaded some sceptical customers to take appropriate safety measures.
- Quickly and efficiently maintained bicycles and equipment.

HOBBIES AND INTERESTS

- Squash: Play twice weekly. Enjoy friendly competition.
- Enjoy cooking fortnightly for friends, especially Asian and Mediterranean food.
- Hill walking and mountain biking in the summer. Have climbed 44 Munros to date.
- Reading: Current affairs to classical novels. Read around 6 novels per year.

REFEREES

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